

1885

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* 1885. *

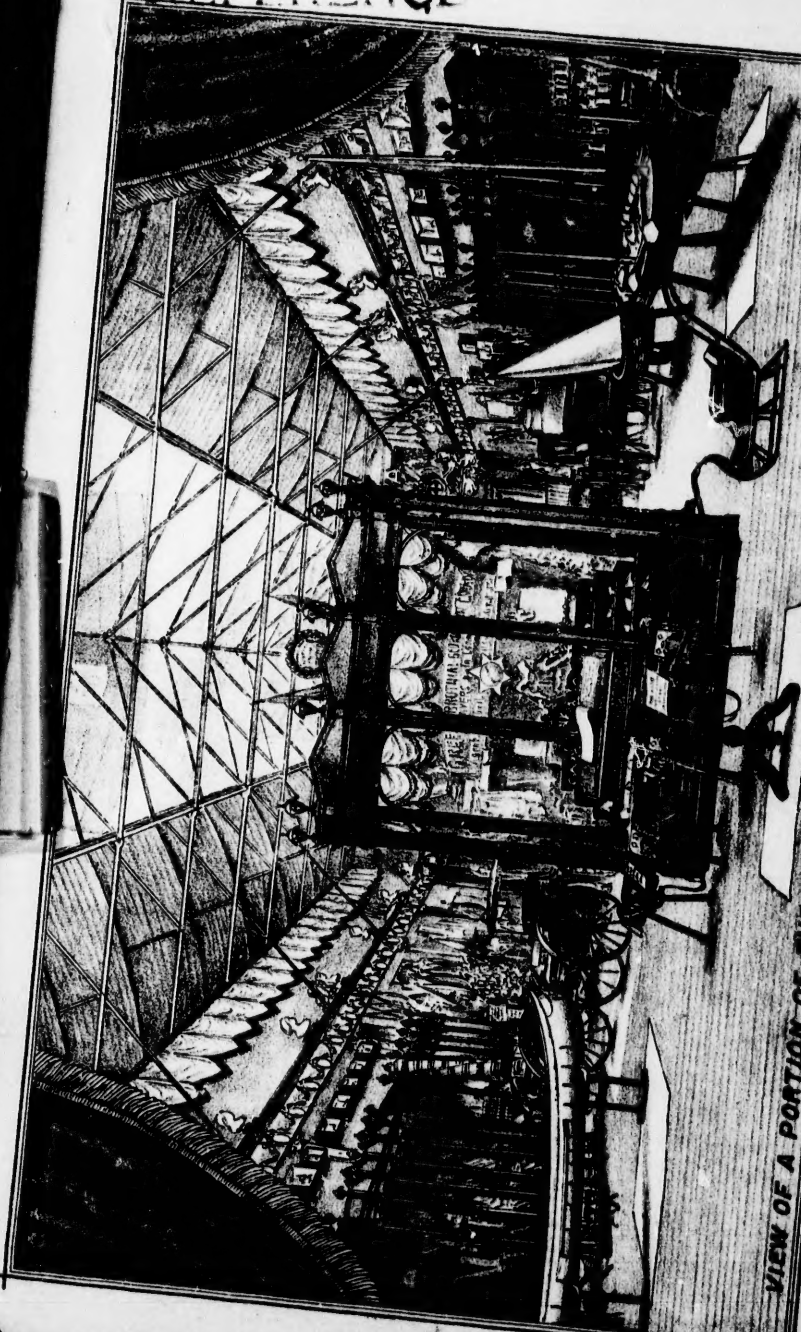
Official Catalogue

OF THE

CANADIAN SECTION.

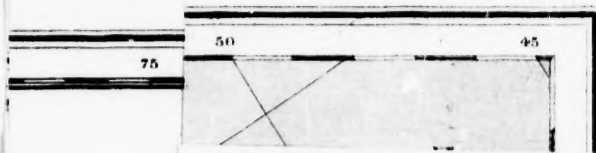
PUBLISHED UNDER THE AUTHORITY OF
SIR CHARLES TUPPER, K.C.M.G., C.B.
(High Commissioner for Canada in London).
EXECUTIVE COMMISSIONER.

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VIEW OF A PORTION OF THE CANADIAN SECTION, ANTWERP EXHIBITION 1885.



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A REDUCTION OF THE MAP PREPARED & ISSUED UNDER THE DIRECTION
OF THE MINISTER OF RAILWAYS

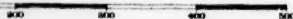
English Miles



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OF THE MINISTER OF RAILWAYS & CANALS (1882)

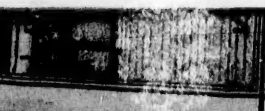
English Miles



DIRECTION



REF



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OF THE
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CANADIAN COMMISSION OF ANTWERP EXHIBITION, 1885.

Executive Commissioner.

SIR CHARLES TUPPER, K.C.M.G., C.B.

FREDERIC J. S. DORE,

Secretary.



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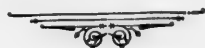
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CATALOGUE.



Further information on all matters relating to
Canada will be supplied on application to

FREDERIC J. S. DORE, Secretary,

at the Offices of the Canadian Commission in the
Court.

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CATALOGUE.

SYSTEM OF GENERAL CLASSIFICATION.

The exhibits of the Canadian Section are exposed within the precincts of the Canadian Court, with the exception of the Manitoba Farm division of the Canadian Pacific Railway Co.'s exhibits, which occupies a separate position in the grounds of the Exhibition.

NOTE.—Abbreviations:—O. Ontario; Q. Quebec; N. S. Nova Scotia; N. B. New Brunswick; P. E. I. Prince Edward Island; M. Manitoba; N. W. T. North West Territories; B. C. British Columbia.

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SECTION I.

EDUCATION AND INSTRUCTION—APPARATUS AND
PROCESSES OF THE LIBERAL ARTS—FURNITURE
AND ACCESSORIES—TEXTILE FABRICS, CLOTHING,
AND ACCESSORIES.

GROUP I.

CLASS 4.—Printing and Books.

D. W. HIGGINS, Victoria, B. C.

- 1 Specimens of printed and lithographed labels in colours for
canned goods, &c.

THE BRITISH NORTH AMERICA BANK NOTE COMPANY,
Montreal.

- 1a Large frame containing specimens of steel plate engraving,
including bank notes, railway bonds, postage stamps,
post cards, &c.

CLASS 5.—Stationery, Bookbinding, Printing, and Drawing Material.

THE ROLLAND PAPER COMPANY, St. Jérôme, nr. Montreal, Q.
(Agent, L. Paelman, Antwerp).

- 2 Twenty-three varieties of papers (note paper, foolscap, flat
caps and posts, Bristol board, book and news paper,
coloured paper.

CLASS 8.—Musical Instruments.

DOMINION ORGAN AND PIANO COMPANY, Bowmanville, O.
(Agent, J. Schroeder, Bei den Mühren, 51, Hamburg,
Germany.)

- 3 Cabinet and combination Organs.

HUNTINGDON ORGAN COMPANY, Huntingdon, Q.

- 4 One cabinet organ.

G. M. WEBBER, Kingston, O.

- 5 One violin.

CLASS 9.—Medicine, Hygiene, and Public Relief.

C. GATES, SONS, & Co., Middleton, Annapolis, N. S.

- 6 Proprietary and patent medicines.

CLASS 11.—Maps, Geographical and Cosmographical Apparatus.

THE BURLAND LITHOGRAPHIC COMPANY, LIMITED, Montreal.

- 8 Maps and lithographic work.

THE CANADA BANK NOTE ENGRAVING AND PRINTING
COMPANY, Montreal.

- 9 Map of the Dominion of Canada, in four sections, showing
the telegraphic service of the Dominion; printed for
the Department of Public Works, Ottawa.

GROUP II.

CLASS 12.—All kinds of Furniture—
Cheap and Costly.

G. GALE & SON, Waterville, Compton, Q.

10 Combination iron bedsteads.

11 Patent "Dominion" wire mattresses.

J. HOODLESS & SON, Hamilton Cabinet Works, 51, King
Street West, Hamilton, O.

12 Richly carved walnut and marble bedroom suite.

13 Walnut sideboard.

14 Richly carved mahogany and marble bedroom suite.

FRED. KRAMER, Manufacturer, Preston, O.

15 Walnut fancy centre table, rosewood top, inlaid with different
Canadian woods.

16 Richly carved easel.

OWEN, MCGARVEY, & SON, Manufacturers, 1849, 1851, and
1853, Notre Dame Street, Montreal, Q.

17 Light oak and marble (dressing case) bedroom suite.

18 Patent "Plympton" sofa bed.

19 Plush sofa and bric à brac combination.

20 Lady's worktable.

21 Fancy chair made of steers' horns.

J. WHITE, Cabinet Maker, &c., Woodstock, O.

22 Geometrical design mosaic table.

23 Geometrical design mosaic casket.

24 Picture frame, inlaid with different Canadian woods.

25 Casket in foreign woods and mouldings.

26 Looking glass, inlaid with Canadian marbles and foreign
woods.

27 Chess board in Canadian woods.

UPPER CANADA FURNITURE COMPANY, Bowmanville, O.

28 Carved walnut bedstead, walnut washstand with marble
slab, walnut dressing table with mirror back.

CLASS 14.—Crystal Glass and Stained Glass.

N. T. LYON & Co., Memorial Windows, 77, Richmond Street West, Toronto.

- 29 Leaded lights, with figures, in stained and white glass.

CLASS 15.—Pottery.

BULMER & SHEPARD, Montreal.

- 30 Specimens of bricks and drain tiles.

GRAY & BETTS, Manufacturers of Stone, Rockingham, and Bristol ware, Tilsonburg, O.

- 31 Assortment of butter pots and pails, pitchers, preserve and fruit jars, churns, Dutch pots, oil and water kegs, flower pots and baskets, in stoneware; jugs, pickle and mustard jars, ink and beer bottles, in Bristol ware; bowls, spittoons, teapots, pie plates, soap drainers, &c., in Rockingham ware.

HART BROTHERS & LAZIER, Belleville and Picton Potteries, Belleville, O.

- 32 Assortment of butter pots, preserve jars, flower pots, &c.

THOMAS NIGHTINGALE, Manufacturer, 988, Yonge Street, Toronto.

- 33 Red and white bricks, drain tiles, and sewer pipes.

THE ST. JOHN'S STONE AND CHINAWARE COMPANY, St. Johns, Q.

- 34 Collection of table and toilet chinaware (plain and decorated); white granite ware, for general domestic purposes.

W. TALLMAN & SON, Beamsville, Lincoln, O.

- 35 Specimens of builders' brick. Drain tiles. Specimen of the clay used in the manufacture of these articles. (See Class 38).

W. E. WELDING, Manufacturer of Stoneware, Fire and Cupola bricks, Brantford, O.

- 36 Assortment of butter pots, churns, jugs, butter pails, plain pitchers, pickle and preserve jars, milk pans, stew pots, hanging flower pots, fancy dogs, spittoons, pie plates, teapots, nappies, pitchers, &c.
Samples of stoneware.

CLASS 16.—Carpets, Tapestry, and other Stuffs for Furniture.

Mrs. ISAAC HOAR, Truro, N. S.

- 37 Hand-made hearth rug of Canadian yarn.

A. G. VAN EGMOND, Seaforth, Blyth, and Exeter Woollen Mills, Seaforth, O.

- 38 "Union" druggets and woollen druggets. (See Class 28).

CLASS 17.—Paper Hangings.

COLIN, McARTHUR, & Co., Montreal, Q.

- 39 Twenty-one specimens of wall papers, borders, &c.

M. STAUNTON & Co., 4 & 6, King Street West, Toronto, O.

- 40 Nineteen specimens of wall papers, borders, &c.

CLASS 22.—Apparatus and Processes for Heating and Lighting.

J. CARREAU, Manufacturer, Notre Dame Street West, Montreal, Q.

- 41 Patent Steam Boiler. (See Class 38).

W. GLENDINNENG & SON, Manufacturers and Patentees, Montreal, Q.

- 42 Eleven Canadian stoves and cooking ranges.—

"Glen Cook" (2), "Leader" (2), "Carnival" (2),
"Dictator" (1), "Longwood" (1), pot kitchen range (2),
"Little Cook" (toy range) (1).

- 43 Patent Railway Car Heater.

**CLASS 24.—Leatherwork, Fancy Articles,
Basket Work.**

C. V. H. CHITTENDEN, Victoria, B. C.

- 44 Collection of Indian curiosities and fancy basket, bead, grass, and quill work, &c. (made by the natives of Queen Charlotte Islands, British Columbia).

FRANK PROSPER, Summerside, Antigonish, Q.

- 45 Fancy Articles (canoes, toboggans, snow shoes).

R. W. ORCHARD, Brantford, O.

- 46 Lacrosse sticks and sundries, snow shoes, toy lacrosse sticks, toboggans, &c.

C. STEMSHORN, Indian Store, 141, Hollis Street, Halifax, N. S.

- 47 Indian goods, Indian basket, bead, and quill work, moccasins, pipes, fancy articles in bark, skin, and feathers.

GROUP III.

CLASS 28.—Woollen Yarns and Fabrics.

A. G. VAN EGMOND, Seaforth, Blyth, and Exeter Woollen Mills, Seaforth, O.

- 48 Woollen tweeds. (See Class 16.)

ROSAMOND WOOLLEN COMPANY, Almonte, O.

- 49 Fourteen pieces of Canadian tweeds and cloths.

**CLASS 32.—Hosiery and Under-clothings, and
Accessories of Clothing.**

CALDECOTT, BURTON, & Co., 48, Bay Street, Toronto, O.

- 50 Woollen goods—hosiery and underclothing.

W. J. CASSIDY, Manufacturer, Berlin, O.

- 51 Samples of pearl buttons.

CREELMAN BROS., Georgetown, O.

- 52 Hosiery. (See Class 53.)

DOMINION CORSET WEAVING COMPANY.

(Agents—Joseph Hamel and Brothers, Quebec.)

- 53 Samples of corsets (twelve different styles).

THE GALT KNITTING COMPANY, Galt, O.

- 54 Shirts, all wool ; heavy, medium, and fine fancy shirts.

THE PENMAN MANUFACTURING COMPANY, Paris, O.

- 55 Quilts, Shirts, hosiery, and underclothing generally, for both sexes, in wool, cotton, &c.

- 56 Patent horse rugs, in twenty-one varieties.

**CLASS 36—Travelling Apparatus and Camp
Equipage.**

NATIONAL MANUFACTURING CO., Ottawa, O.

- 57 Fancy striped marquee, with variety of folding camp furniture, including chairs, beds, tables, and hammock chairs.

SECTION II.

INDUSTRY.

GROUP IV.

CLASS 38.—Mining and Metallurgy.

- ACADIA COAL COMPANY, Stellarton, N. S.
- 58 Block of coal.
- ALBERT MANUFACTURING CO., Hillsborough, Albert, N. B.
- 59 Crude gypsum (sulphate of lime). Specimen of manufactured plaster of Paris, and of ground plaster.
- W. A. ALLAN, c/o. the Director of the Geological Survey of Canada, Ottawa.
- 60 Apatite (74 and 89) (phosphate of lime), "Little Rapids" mine, Portland, Q.
- Mica (87), twenty-two specimens from Villeneuve, Q.
- Mica (73), fourteen specimens from North Burgess, Q.
- Apatite crystal (93), on pedestal. Specimen taken from the "Emerald" mine, Buckingham, Q.
- R. AUSTIN, British Columbia.
- 61 Anthracite coal from Queen Charlotte Islands, B. C.
- J. H. BARTLET, Montreal, Q.
- 62 Samples of iron ores from Pictou County, Nova Scotia.

W. F. BULLEN, British Columbia.

- 63 Pig iron ore (103), Texada iron ore, and Puget Sound bog iron ore, B. C.

CANADA CONSOLIDATED GOLD MINING CO., Delore, Hastings, O.

- 64 Gold bearing ores carrying arsenic; crude and refined arsenic. (Nos. 132, 133, 133a, 133b, 133c, 133d.)

CANADA LAND AND PLASTER COMPANY (GILL & Co.), Paris, O.

- 65 Gypsum.

CANADIAN GRANITE COMPANY, Ottawa, O.

- 66 Granite (100).

CANADIAN PACIFIC RAILWAY COMPANY.

- 67 Collection of soils and minerals of Manitoba and the North-West Territory. (See pages 57, 60.)

COBOURG, PETERBORO', AND MARMORA MINING COMPANY, Belmont, O.

- 68 Iron ores (hematite, red hematite, and magnetic, Nos. 78 to 86.)

DUFFERIN MINING COMPANY., Salmon River, East Halifax, N.S.

- 69 Auriferous quartz.

FENWICK & SCLATER, Montreal.

- 70 Crude asbestos.

R. L. T. GALBRAITH, Esq., M.P.P., British Columbia.

- 71 Galena (102), argentiferous and auriferous, Kootenay Lake mines, B. C.

GRAND RIVER PLASTER Co., Gypsum Mines, Haldimand, O.

- 72 Gypsum rock.

J. GRANT, Halifax, N. S.

- 73 Loan collection of the minerals of Nova Scotia, comprising specimens of magnetic iron ore, manganese, anthracite coal shale, green clay and mica, also silver lead ore (Gaysboro' Co. and St. Paul's Island, Cape Breton); red hematite (Nictaux, Annapolis Co.); copper ore (Glen-garry, Pictou Co.); native copper (Margaretville, Annapolis Co.).

W. HALL, Springhill, Cumberland Co., N. S.

- 74 Block of coal, weight 900 lbs., from Springhill mines,
Pictou, N. S.

HENDERSON & POTTS, Halifax, N. S.

- 75 Sulphate barytes rock—crude and ground.

IRWIN, HOPPER, & CO., Montreal, Q.

- 76 Crude and manufactured asbestos.

W. H. JEFFREY, Danville, Richmond, Q.

- 77 Crude asbestos. (No. 131.)

J. JESSOP, Victoria, B.C.

- 78 Galena argentiferous and auriferous (104), from Kokesaila,
Cariboo, B. C.

Boonite (97), Howe mine, Howe Sound, B. C.

JOHNSON & Co., Thetford, Q.

- 79 Crude asbestos (88).

KING BROTHERS, Miners of Crude Asbestos, Thetford Mines, Q.

- 80 Crude asbestos (88), from the "Hampden" mine,
Thetford mines, Q.

LIEVRES RIVER LAND AND PHOSPHATE Co., Montreal, Q.

- 81 Apatite (92) (phosphate of lime) from the company's mines.

LOMER, ROHR, & Co., 8, Custom House Square, Montreal, Q.

- 82 Natural apatite (rock phosphate of lime), weight 300 lbs.
(from the mines of the Ottawa Phosphate Mining
Company, Buckingham, Q.).

Natural apatite, weight 400 lbs. (127), McLaren &
Blackburn's mine, Templeton, Q.

Natural apatite, weight 300 lbs. (128), McLaren &
Blackburn's mine, Templeton, Q.

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- ALFRED MARKHAM, Markhamville, N. B.
- 83 Samples of manganese ore.
- C. MORTON, British Columbia.
- 84 Silver ore (98), "Eureka" silver mine, Fort Hope, B. C.
- E. L. MOSELEY, Cape Breton.
- 85 Pyrolusite (77), "Morrison's" mine, Sydney, Cape Breton.
- NEW ROCKLAND SLATE CO., Montreal, Q.
- 86 Specimens of roofing slate; specimens of slate slabwork, slate wash tub, blackboards for schools.
- OPPENHEIMER & CO., Victoria, B. C.
- 87 Native gold in quartz (108), "Burn's Mountain," Cariboo, B. C.
- OXFORD COPPER AND SULPHUR COMPANY, Capelton, Q.
- 88 Yellow copper ore (90), "Crown" mine, nickel ore (91), "Oxford" nickel mine.
- HENRY S. POOLE, ESQ., Stellarton, N. S.
- 89 Loan collection. Metalliferous ores and minerals of Nova Scotia.
- J. G. RICHARDS, Junior, British Columbia.
- 90 Red hematite (95) and magnetite (96), Sooke iron mines, Juan de Fuca, B. C.
- J. ROBSON, Victoria, B. C.
- 91 Dressed marble (107), from Beaver Cove, Vancouver's Island, B.C.
- F. G. ROCHE, ESQ., University College, Toronto, O.
- 92 Specimen of rare mineral chapwanite from the forks of the Credit River.
- ALFRED R. SEIWYN, Geological Survey of Canada, Ottawa.
- 93 Apatite (76), 2 crystals, Moore's mine, Wakefield, Q.
- Yellow copper ore (137), "Albert" mine, Ascot, Q.
- Boonite with malachite (138), "St. Francis" mine, Cleveland, Q.
- Yellow copper ore (139), "Hartford" mine, Capelton, Q.

- Argentiferous ores (136), "Queen" mine, Yale, B. C.
 Argentiferous ores (134), "Queen" mine, Yale, B. C.
 Concentrates from claymatter (135), "Queen" mine, Yale, B. C.
 Apatite (140), Teinpleton, Q.
 Apatite (148), Wakefield, Q.
 MR. STEPHENS, Hants, N. S.
- 94 Manganese ore.
 F. J. STEWART, Toronto, O.
- 95 Petrified cottonwood from the Saskatchewan River, one mile
 from Medicine Hat, N. W. T.
 W. TALLMAN & SON, Beamsville, Lincoln, O.
- 96 Specimen of clay. (See also Class 15.)
 VANCOUVER COAL MINING LAND CO., LIMITED, Nanaimo.
 (Samuel Robins, Superintendent.)
- 97 Sandstone (No. 99) from quarries on Newcastle Island, nr.
 Nanaimo. Blocks of house (105), gas (106), steam (94)
 coal, taken from the mines of the company in and
 around Nanaimo.
 ZAINESVILLE IRON MINING CO., Godfrey, Frontenac, O.
- 98 Magnetic iron ore (No. 109).

GEOLOGICAL SURVEY OF CANADA, OTTAWA, O.

99 Collection of Economic Minerals of Canada :—

No.	Specimen.	Locality.
1	Limestone Marble ...	...St. Lin, Q.
2	Do. do. ...	...Texada, B. C.
3	Do. do. ...	...St. Armand, Q.
4	Serpentine Limestone ...	...Grenville, Q.
5	Limestone Marble ...	...St. Joseph, Beauce, Q.
10	Serpentine Limestone ...	...Aug. of Grenville, Q.
11	Limestone Marble ...	...Arnprior, O.
14	Do. do. ...	...Montreal, Q.
16	Volcanic Breccia ...	...One of the Ballanac Islands, B. C.
18	Limestone Marble ...	...L'Orignal, Q.

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No.	Specimen.	Locality.
21	Limestone Marble ...	...Dudswell, Q.
24	Serpentine Marble ...	...L. 6, R. 13, Orford, Q.
25	Do. do. ...	...L. 15, R. 18, Orford, Q.
26	Do. do. ...	...L. 22, R. 6, Melbourne.
27	Do. do. ...	...L. 4, R. F., Orford, Q.
28	Breccia Marble ...	...L. 3, R. 10, Kingsey, Q.

Cubes of Building Stones.

38	Limestone ...	...L. 12, R. 1, Pembroke, O.
39	Do. ...	...Caughnawaga, Q.
40	Do. ...	...Terrebonne, Q.
41	Do. ...	...Downies Rapid, Madoc, O.
42	Do. ...	...Pointe Clare, Q.
44	Do. ...	...Montreal, Q.
45	Do. ...	...Goderich, O.
46	Dolomite ...	...Beckworth, O.
47	Dolomite ...	...Dundas, O.
49	Do. ...	...Guelph, O.
52	Sandstone ...	...Aug. of Grenville, Q.
54	Do. ...	...Pembroke, O.
55	Do. ...	...Gloucester, O.
56	Do. ...	...Grimsby, O.
57	Do. ...	...Do.
58	Do. ...	...Oneida, O.
59	Do. ...	...Dorchester, N. B.
60	Do. ...	...Do. do.
61	Do. ...	...Wallace, N. S.
65	Syenite ...	...Gananoque, O.
65a	Do. ...	...Do.
69	Granite ...	...St. Joseph, Beauce, Q.
70	Diorite ...	...Montreal, Q.
71	Granite ...	...Barnston, Q.
73	Magnetite ...	...Texada, B. C.
75	Do. ...	...Blairton, Belmont, O.
79	Do. ...	...L. 22, R. 2, Bristol, Q.
80	Do. ...	...Seymour Ore Bed, Madoc, O.

No.	Specimen.	Locality.
82	Iron Sand	...Moisie, Q.
88	Butter Salt	...Upham, King's Co., N. B.
89	Lithographic Stone	...Marmora, O.
90	Stone & Rockingham Ware...	...St. Johns, Q.
90a	Clay used for last	Do.
92	Limonite	...Cullen Area, N. S.
93	Pulverised Sandstone	...L 6, R 2, Nepean, O.
94	Sand for glass making...	...Cayuga, O.
95	Do. used in Oil Cloth } Factory	Yorkville, O.
96	Moulding Sand	...Dundas, O.
97	Do. do.	...Owen Sound, O.
98	Moulding Sand	...Louisville, O.
105	Sulphides of Copper	...Little Pic, Lake Superior.
105a	Do. do.	Do. do.
106	Sulphide of Copper	...Harvey Hill, Q.
107	Nacreous Schists with } Copper	Do.
108	Sulphides of Copper	...Acton, Q.
109	Do. do.	...Huntington Mine, Bolton, Q.
110	Do. do.	...Hartford Mine, Capelton, Q.
112	Do. do.	...Lochaber, N. S.
113	Moulding Sand	...Durham, Q.
115	Apatite	...Buckingham, Q.
117	Do.	...Portland, Q.
118	Do.	...Templeton, Q.
119	Roofing Slate	...Rankin Hill, Actonvale, Q.
122	Graphite	...Buckingham.
124	Barytes	...Jarvis Sound, Lake Superior.
125	Do.	...Five Islands, N. S.
126a	Do.	...Bass River, Five Islands, N.S.
128	Do.	...Lake Superior.
129	Do.	...Greenville, N. S.
130	Jasper conglomerate	...Bruce's Mines, Lake Huron.
130a	Do. do.	...N.-W. extremity Goulais Bay, Lake Huron.

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No.	Specimen.	Locality.
131	Apatite... ..	...L 4, R 8, Burgess, O.
133	Chromic Iron Ore ...	...Bolton, Q.
134	Do. do. ...	...(Boulder).
135	Titanic Iron Ore ...	...Bay St. Paul, Q.
137	Labradorite ...	...Abercrombie, Q.
138	Antimony Ore ...	...South Ham, Q.
139	Antimony Ore ...	...Prince William, N. B.
139a	Crushed Ore ready for smelting }	Do. do.
139b	Desulphurized Antimony ...	Do. do.
139c	Pure Oxide of Antimony ...	Do. do.
139d	Concentrated Antimony ...	Do. do.
139e	Cake of Antimony (regulus)	Prince William, N. B.
139f	Slag	Do. do.
139g	3 Grades Babbit Metal ...	Do. do.
140	Galena	...L. 1, R. 2, Limerick, Q.
141	Do. with Copper Pyrites...	Enterprise Mine, Black Bay Lake Superior
142	Galena	Do. do.
144	Do. in Calcite ...	...Loughboro', O.
145	Galena... ..	...Island No. 2, Silver Lake, Lake Superior
147	Bituminous Shale ...	...Collingwood, O.
150	Petroleum	...Athabasca, N.-W. T.
151	Do.	...Memramcook, N. B.
153	Gypsum	...Paris, O.
153a	Do. prepared for Agric....	Do.
153b	Do. calcined plaster ...	Do.
155b	Anhydrite	...Wentworth, N. S.
156	Gypsum with Alabaster	...Montague, N. S.
157	Gypsum	...River Philip, 1 mile above Oxford, N. S.
158	Do. (fibrous) ...	...Petitcodiac, N. B.
159	Do.	...Bras d'Or Lake, C. B.
160	Do.	...Hillsboro', N. B.
161	Potstone	...L. 18, R. 5, Bolton, Q.

No.	Specimen.	Locality.
162	Compact Mica Rock ...	...Shipton, Q.
163	Soapstone	...L. 20, R. 5, Pottou, Q.
164	Soapstone	...L. 16, R. 5, Pottou, Q.
165	Do.	...L. 24, R. 4, Bolton, Q.
166	Magnetite	...L. 17, R. 9, do.
166a	Carbonate of Magnesia ...	Do. do.
166b	Sulphate do. ...	Do. do.
168	Galena... ..	...Victoria Mine, Gardener River, Saute Ste Marie.
169a	Albertite Breccia... ..	...Albert Mines, N. B.
174	Asbestos	...Melbourne, Q.
174	Mica (Cut Plates of) ...	...North Burgess, O.
175	Opheolite Serpentine ...	...Burgess, O.
178	Iron and Copper Pyrites	...L. 22, R. 1, Garthby, Q.
181	Anthracite	...Queen Charlotte Islands, B.C.
182	Lignite	...Saskatchewan, N. W. T.
183	Pyroditite	...Terry Cape, N. S.
185	Gypsum	...Wentworth, N. S.
186	Shell Marl	...Belleville, O.
187	Do.	...Nepean, O.
188	Do.	...Montreal, Q.
189	Do.	...Anticosti
190	Do.	...Carrick, O.
191	Do.	...Brant, O.
192	Do.	...Rockwood, O.
193	Do.	...New Edinburgh, O.
194	Cobaltiferous Pyrites ...	...Elizabethtown, O.
194a	Burnt Iron Pyrites	Do.
194b	Nitrate of Soda	
194c	Canadian Salt	
194d	Apatite (ground)... ..	
194e	Superphosphate	
194f	Soda Cake	
194g	Nitre Cake, No. 11	
194h	Do. No. 10	
199	Whetstones	...L. 28, R. 7, Stanstead, Q.

No.	Specimen.	Locality.
200	Whetstones	... Bolton, Q.
201	Do.	... Kingsey, Q.
202	Do.	... Madoc, O.
204	Hydraulic Limestones	... Nepean, O.
204a	Do. Cement	Do.
205	Blende	... Blende Lake, Lake Superior.
206	Blende and Galena	... S. side of Silver Lake, Lake Superior.
208	Limestones	... Arnprior.
209	Roofing Slates	... Rockland Slate Quarry, Q.
209a	Hearthstone	Do. do.
209b	Library Shelf	Do. do.
209c	Wash Trough	... Rockland Slate Quarry, Q.
212	Iron Ochre	... Walsingham, O.
212a	Do. Yellow Metallic...	Do.
212b	Do. Raw Sienna	Do.
212c	Do. Brown Metallic...	Do.
212d	Do. Red Metallic	Do.
212e	Do. Burnt Sienna	Do.
212f	Do. Yellow Drab	Do.
212g	Do. Stone Drab	Do.
213	Iron Ochre	... L 8 and 9, R 5, Elzevir, O.
214	Do.	... Conestoga, O.
214a	Do. Raw Sienna	... Limehouse, O.
214b	Crude Rock (clay)	Do.
214c	Prepared No. 5 Slate Drab...	Do.
214d	Crude Rock (clay)	Do.
214e	Prepared No. 4 Stone Drab...	Do.
214f	Crude Ferruginous Rock ...	Do.
214g	Prepared No. 1 Dark Chocolate	} Do.
214h	Crude Ferruginous Rock ...	
214i	Prepared No. 3 Light Chocolate	} Do.
214j	Crude Ferruginous Rock ...	
214k	Prepared No. 4 Light Brown	Do.

No.	Specimen.	Locality.
214 ^l	Raw Umber	...Limehouse, O.
214 ^m	Prepared Brown	Do.
215	Prepared Lime	...Arnprior, O.
216	Do.	...Guelph, O.
217	Do.	...St. Mary's, O.
218	Do.	...Galt, O.
219	Do.	...St. John, N. B.
220	Do.	...Montreal, Q.
221	Do.	...Kincardine, O.
222	Do.	...Pugwash, Cumberland Co., N. S.
223	Specular Iron Ore	...Londonderry, N. S.
	Do. do.	Do.
	Brown Hematite	Do.
	Ankerite	Do.
	Specular Ore	Do.
	Brown Hematite	Do.
	Specular Ore	Do.
	Ankerite & Brown Hematite	Do.
	Red Ore	Do.
	Red Ore	Do.
	Ankerite	Do.
	Specular Ore	Do.
	Brown Hematite	Do.
	Do. do. & Specular Ore	Do.
	Brown Hematite	Do.
	Slag Tap Cinder	Do.
	Samples of Coke... ..	Do.
	Figs of Silicon Iron	Do.
	Do. No. 1 Do.	Do.
	Do. No. 2 Do.	Do.
	Do. No. 3 Do.	Do.
	Do. No. 4 Do.	Do.
	Fig of Mottled Iron	Do.
	Do. White Iron	Do.
	Samples of Bar Iron	Do.

No.	Specimen.	Locality.
224	Coal	{ Acadia, Intercolonial, Albion Vale, Springhill, and Nova Scotia mines, all in Nova Scotia.
226	Red Bricks	...St. Johns, N. B.
226a	Drain Tiles	...Do.
230	Red Bricks	...Montreal, Q.
230a	Drain Tiles	...Do.
231	Red Bricks	...Rochesterville, O.
231a	Clay	...Do.
232	Red and White Bricks	...Pembroke, O.
232a	Clay	...Do.
232b	Shell Marl	...Do.
232c	Red Bricks	...Do.
233	Red Bricks	...L. 17, R. 8, Ramsay, O.
233a	Clay	...Do. do.
234	Red Bricks	...L. 20, R. 8, do.
234a	Clay	...Do. do.
235	Red Bricks	...L. 26, R. 9, do.
235a	Clay	...Do. do.
239	White Bricks	...Peterboro', O.
239a	Clay	...Do.
240	Red Brick	...Glenwilliam, O.
240a	Clay	...Do.
241	Red and White Bricks	...Yorkville, O.
241a	Clay for Red Bricks	...Do.
241b	Sand do.	...Do.
241c	Clay for White Bricks ..	...Do.
241d	Sand do.	...Do.
242	Drain Tile	...Do.
243	Red Brick	...Dundas, O.
244	White Bricks	...Peterboro', O.
245	Do.	...Brantford, O.
245a	Clay	...Do.
247	White Bricks	...Kincardine, O.
247a	Clay	...Do.

No.	Specimen.	Locality.
248	Red and White Bricks	...Owen Sound, O.
248a	Clay	Do.
250	White Bricks	...Stony Mountain, M.
250a	Clay	Do.
252	Clay used for making pipes and also for making cores and other metallurgical purposes	} Montreal, Q.
253	Red Brick	
253a	Clay	
254	Red Brick	
		N. B.
254a	Clay	Do. do.
255	White Drain Tile	...Brantford, O.
256	Black Glazed Drain Tile	...Yorkville, O.
257	Bath Brick	...Kincardine, O.
257a	Clay	Do.
258	Hydraulic Limestone	...Grand Coupe, Q.
259	Prepared Hydra. Limestone	...Georgetown, O.
260	Do. do.	St. John's Ward, Q.
261	Hydraulic Cement	...Limehouse, O.
262	Fire Clay	...Dundas, O.
263	Hydraulic Cement, prepared	Arthabaska, Q.
264	Phosphate of Iron	...Cote St. Charles.
265	Clay for making Pottery	...Westminster, O.
266	Red Pottery Clay	...Beamsville, O.
268	Hydraulic Limestone	...Ramsay, O.
269	Peat	...St. Hubert, Q.
270	Polishing Stones	...Dorchester, N. B.
271	Whetstone	...Arnprior, O.
272a	Bog Iron Ore	...Three Rivers, Q.
272b	Do. washed...	Do.
272c	Limestone for Flux	Do.
272d	Slag	Do.
272e	Charcoal	Do.
272f	Four grades of Grey	Do.

No.	Specimen.	Locality.
272g	White Iron	Three Rivers, Q.
272h	Sandstone used for hearths...	Three Rivers, Q.
276	Borings from the Goderich Salt Region	Goderich, O.
279a	Bog Ore (Lake Ore)	Radnor Forges, St. Maurice, Q.
279b	Do. Hematite	Do. do.
279c	Bog Ore	Do. do.
279d	Limestone Flux	Do. do.
279e	Slag	Do. do.
279f	Charcoal	Do. do.
279g	Pig Iron marked 1 to 6	Do. do.
281	Brecciated Serpentine...	Oxford, Q.
286	Bituminous Coal	Nanaimo, B. C.
287	Native Copper	Polson's Lake, N. S.
288	Bituminous Coal...	Union Mine, Comox, B. C.
289	Do. do.	Wellington Mine, B. C.
290	Do. do.	Baynes Sound Mine, B. C.
292	Lithographic Stone	Harvey Township, O.

GEOLOGICAL SURVEY OF CANADA, Ottawa.

- 100 Obelisk representing the gold obtained from auriferous deposits in British Columbia during the past twenty-five years, the value of which is estimated in the official returns at upwards of \$50,000,000.

NOVA SCOTIA GOVERNMENT.

- 101 Obelisk representing the gold obtained from the auriferous deposits of Nova Scotia from 1862 to 1883.
Weight, 370,000 ozs. ; value, \$7,215,000.
- 101a Specimens of Gold. From the Blue Nose Lode, Montague, Nova Scotia.

F. G. BULLOCK, Otterville, O.

- 102 Olmsted's patent radial centre brass jacket drive well points.
- 103 Bungbushes for brewers' use. Wrench for inserting the bushes in kegs.
- 104 "Star" carpet sweeper.
- 105 Wire stretchers and wire splicers for putting up wire fencing.

- J. CARREAU, Manufacturer and Patentee, 2,089, Notre Dame Street West, Montreal, Q.
- 106-7 Patent foot warmer, and patent smoothing irons to be heated with patent fuel.
- 108 Samples of patent agglomerated fuel for Carreau's foot warmers, smoothing irons, emitting during combustion no smoke, smell, or gas. (See Class 22.)
- H. R. IVES & Co., Manufacturers, Montreal, Q.
- 109 { Patent smoothing irons with adjustable handles.
 { Card of barb wire fencing. Egg beaters.
- POUBRIAND BROTHERS, Manufacturers, Sorel, Q.
- 110 Assortment of Saws, viz., billet, web, and Canada web; crosscut, four varieties; mill saws, butting, and circular saws.
- WARNOCK & Co., Galt Edge Tool and Carriage Spring Works, Galt, O.
- 111 Assortment of implements, tools, and edge tools for carpenters, joiners, shipwrights, wheelwrights, lumbermen, smiths, masons, miners, navvies, &c. (See Class 57.)

CLASS 39.—Products of the Cultivation of the Forests and of the Trades appertaining thereto.

- P. BALDWIN, Quebec, Q.
- 112 Match splints and other material used in connection with the manufacture of matches.
- CHAS. BOECKH & SONS, Manufacturers of Brushes, Brooms, and Woodenware, 80, York Street, Toronto, O.
- 113 Assortment of brooms (corn), parlour carpet, parlour hearth, stair, and other domestic purposes. Whisk brooms, plain and fancy patterns; snow shoes, clothes pins. Woodenware: Tubs, two and three-hoop pails, sap pails, preserve packages, clothes horse, mop sticks, wash boards, roll pins, potatoe mashers, lemon squeezers, butter moulds, ladles, and stamps, oil pails, spoons, spades plain and fluted, chopping trays, &c.

THE BOLTON VENEER COMPANY, Montreal, Q.

- 114 Samples of hardwood veneers and veneers generally.

W. W. BLACK, Truro, N. S.

- 115 Collection of woods of Nova Scotia.

CANADIAN PACIFIC RAILWAY COMPANY.

- 116 Woods of the North-West Territory of Canada. (See p. 58.)

WM. DALBY, Victoria, B. C.

- 117 Tan bark (Vancouver Island hemlock). Sample of the ground bark, with specimen skin tanned by its agency.

EDSON, FITCH, & Co., Etchemin, Levis, Q.

- 118 Match splints, match cords, round wood, skillets, for the manufacture of matches.

O. GIGNAC & SON, Prince Edward Street, Quebec, Q.

- 119 Mouldings.

O. V. GOULETTE, GANANOQUE, O.

- 120 Assorted handles for edge tools, implements and tools of every description, escutcheons, furniture knobs and rosettes, patent wheel heads.

FRANK HAMEL, St. Thomas, Elgin, O.

- 121 Samples of brooms and whisks.

G. LEWIS & SONS, Truro, N. S.

- 122 Ribbon pegwood, shoe pegs, shoe shanks, clothes pins.

NEW BRUNSWICK LAND & LUMBER COMPANY, St. John, N.B.

- 123 Collection of the woods of New Brunswick.
124 Portable office made of New Brunswick woods.

S. C. STEVENSON, Montreal, Q.

- 125 Collection of woods.

J. & H. TAYLOR, Montreal.

- 126 Wood pulp.

TIPPETT, BURDITT, & Co., St. John, N. B.

- 127 Wooden vinegar measures. (See Class 66.)

**CLASS 40.—Products of Hunting, Shooting, Fishing,
and Spontaneous Products, Machines and Instru-
ments connected therewith.**

JAMES INCE, Furrier, 156, Oxford Street, London,
England.

				Value each.	
				£	s. d.
128	Loan Collection of Canadian Furs :—				
1	Polar Bear Skin, Hudson's Bay ...	...	...	7	0 0
2	One Black Bear Skin, Hudson's Bay ...	...	...	6	0 0
3	One Golden Brown Bear Skin, Hudson's Bay ...	...	...	6	10 0
4	One Dark Brown Bear Skin, Hudson's Bay ...	...	...	5	0 0
5	One Brown Bear Skin, British Columbia ...	...	...	6	10 0
6	One Brown Bear Skin, British Columbia ...	...	...	6	10 0
7	One Wolverine Skin, Hudson's Bay ...	...	...	2	0 0
8	Two Fisher Skins, Hudson's Bay ...	...	...	2	10 0
9	Two Brown Cub Bear Skins, N. W. ...	...	...	1	15 0
10	One Buffalo Skin, N. W....	...	...	5	0 0
11	One Red Fox Wrapper, Labrador ...	...	...	11	0 0
12	Two Cross Fox Skins, Labrador...	...	...	3	10 0
13	One Red Fox (trimmed), Labrador ...	...	...	1	15 0
14	One Red Fox Skins, N. W. ...	...	...	1	5 0
15	One White Fox Skin (dyed black), Hudson's Bay			1	1 0
16	Two Blue Wolf Skins, Hudson's Bay ...	...	...	2	5 0
17	Six Lynx Skins, Manitoba ...	...	...	1	10 0
18	Two Lynx Skins, Hudson's Bay, E. B. ...	...	...	2	2 0
19	Six Grey Wolf Skins, Hudson's Bay, Y. F. ...	...	...	2	0 0
20	Two dyed Lynx Skins (one black, one brown), Hudson's Bay ...	...	...	1	10 0
21	One Wolverine Skin (trimmed), Hudson's Bay ...	...	...	1	18 0
22	Three Beaver Skins (in the hair), Canadian ...	...	...	2	10 0
23	One pulled Beaver Skin, Y. F. ...	...	...	1	10 0
24	One dyed Beaver Skin, Y. F. ...	...	...	1	5 0
25	Two White Beaver Skins (in the hair), Hudson's Bay ...	...	...	2	5 0
26	Three Pulled Beaver Skins, Hudson's Bay ...	...	...	1	15 0
27	One Pulled Beaver Skin, N. W. ...	...	...	1	10 0

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VALUE EACH.

				£	s.	d.
28	One Raw Otter Skin, M. R.	...	...	2	15	0
29	One Dressed Otter Skin (in the hair), M. R.	...	...	3	0	0
30	One Pulled Otter Skin, M. R.	...	...	3	0	0
31	One Silvered Otter Skin, M. R.	...	...	2	0	0
32	One Sable Skin, E. M.	...	...	1	10	0
33	Four Sable Skins, N. W.	...	...	1	15	0
34	Two Mink Skins, Hudson's Bay	...	...	0	12	6
35	One Stone Marten Mink Skin, N. W.	...	...	0	10	0
36	Four White Mink Skins, Canadian	...	...	0	15	0
37	Two Brown Musk Rats, Canadian	...	...	0	2	0
38	Two White Musk Rats, N. W.	...	...	0	10	0
39	One Marmot Skin, N. W.	...	...	0	2	6
40	One Kitt Fox Skin, Labrador	...	...	0	4	0
41	One Sable Cloak, Y. F.	...	...	50	0	0
42	One Grizzly Bear Head, N. W.	...	...	8	0	0
43	One Pronghorn Antelope Head (<i>Antilocapra Americana</i>), British Columbia	...	...	9	0	0
44	One Black Tailed Antelope (<i>Nanotragus Nigricandatus</i>)	...	...	7	0	0
45	One Pair of Cariboo Horns (<i>Tarandus Rangifer</i>), Hudson's Bay	...	...	9	0	0
46	One Fur Seal, North Pacific	...	...	6	0	0
47	One Coat, lined Sable, British Columbia	...	...	50	0	0
48	Twelve Sable Skins, British Columbia	...	...	0	15	0
49	One Sea Otter Cub, Northern Pacific	...	...	4	0	0
50	One Silver Fox, British Columbia	...	...	20	0	0
51	One Cross Fox, Manitoba	...	...	2	0	0
52	One Buffalo Robe	...	...	7	0	0
53	One Skunk	...	...	0	15	0
54	One Mountain Cat	...	...	0	1	0
55	One coat lined with Mink	...	...	25	0	0
56	One Lynx Wrapper	...	...	12	0	0
57	One Brown Bear Wrapper	...	...	15	0	0
58	One Sable Mantilla with Fringe of Mink Tails	...	...	24	0	0

The Hubbard Collection.

J. H. HUBBARD, Winnipeg.

- 129 Arctic Owl.
 130 Arctic Owl, male.
 131 Pelican and Canvas Back Ducks, Shoal Lake, Manitoba.
 132-3 Collection Prairie Chicken, Pintail Grouse, Spruce Partridge, and Ptarmigan.
 134 Head of Moose, Lake Winnipeg, very large. (Trophy.)
 135 " Rocky Mountain Sheep. (Trophy.)
 136 " Cariboo, in velvet, young. (Trophy.)
 137 " Elk, Lake Winnipeg, very large. (Trophy.)
 138 " Buffalo, Wood Mountain, North-West Territories (Trophy.)
 139 " Buffalo, Medicine Hat, North-West Territories. (Trophy.)
 140 " Elk, Shoal Lake, Manitoba, small. (Trophy.)
 141 " Elk, Wapiti, Lake Manitoba, large. (Trophy.)
 142 " Elk, Wapiti, Lake Manitoba, large.
 143 " Antelope, Southern Manitoba. (Trophy.)
 144 " Antelope, Southern Manitoba. (Trophy.)
 145 " Wapiti, Lake Winnipeg, very large. (Trophy.)
 146 " Head of Musk Ox, Barren Grounds, Mackenzie River. (Trophy.)
 147 Head of Black Tail Deer, Southern Manitoba. (Trophy.)
 148 Feet of Moose.
 149 Head of Wapiti, Southern Manitoba. (Trophy.)
 150 " Buffalo, Wood Mountain, North-West Territories. (Trophy.)
 151 " Buffalo, Medicine Hat, North-West Territories. (Trophy.)
 152 " Moose, Lake Manitoba. (Trophy.)
 153 " Elk, Lake Manitoba. (Trophy.)
 154 " Elk, Lake Manitoba, very fine. (Trophy)
 155 " Black Tail Deer.
 156 " Do. do.

The above collection has been kindly placed at the disposal of the Canadian Commissioner by the courtesy of Mr. J. H.

157 and 158
 Sharp-tailed
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Hubbard, of Winnipeg, the President of the Manitoba Gun Club. It will be seen that, with few exceptions, the whole of the specimens have been obtained within the limits of the Province of Manitoba. They will serve to convey to sporting men an idea of the opportunities for hunting and shooting that province affords.

157 and 158.

Sharp-tailed Grouse (male)

Fish or Wood Duck (male)

Prairie Gull

Night Hawk

Sparrow Hawk

Two Blue Jays (male)

Canadian Jay

Snipe

Woodcock

Golden Plover

Phalarope (male)

Passenger Pigeon

Crow Blackbird (male)

Cow Blackbird (male)

Golden-winged Blackbird
(male)

Baltimore Oriole (male)

Blue Robin (male)

Prairie Lark (male)

Water Rail (male)

Rose-breasted Grosbeak
(female)

Evening Grosbeak (male)

Rose-breasted Grosbeak (male)

Two Snow Buntings

Butcher Bird (male)

Manitoba Mocking Bird

King or Bee Bird (male)

Two Bohemian Wax Wings
(male)

Bohemian Wax Wing (female)

House Wren (male)

Willow Warbler (male)

Cape May Warbler (male)

Yellow-rumped Warbler (male)

Bay-breasted Warbler (male)

Yellow-breasted Warbler
(male)

Orange Warbler (male)

Humming Bird

Goldfinch (male)

White-throated Sparrow (male)

Canadian Canary (male)

Snow Owl

Black Tern

Golden-winged Woodpecker
(male)

Downey Woodpecker (male)

Robin (male)

Red-winged Blackbird (male)

Satin Blackbird (male)

Song Sparrow

Bobolink (male)

Evening Grosbeak (female)

Pink Grosbeak (female)

Snow Bunting (male)

Maryland Yellow-throat (male)

Morning Warbler (male)

Black and Yellow Warbler
(female)

- | | |
|---------------------------------|----------------------------|
| Tawke Bunting (male) | Canadian Flycatcher (male) |
| Saffron-headed Blackbird (male) | Red-start (male) |
| Eve Swallow (male) | Water Thrush (male) |

HENRY SAUNDERS, Victoria, B. C.

- 159 Oolachan (fish) oil. (See Class 66.)

JOSEPH SPRATT, Victoria, B. C.

- 160 Fish Guano. (See Class 66.)

A. STEWART, Steam Soap Works, 20, Germain Street, St. John, N. B.

- 161 Laundry soaps.

CLASS 44.—Leather and Skins.

BERLIN FELT BOOT COMPANY, Berlin, O.

- 162 Felt boots and socks.

DOMINION LEATHER BOARD CO., Montreal.

- 163 Samples of leather board for bookbinding and boot and shoe stiffenings.

A. PION & Co., 252, Prince Edward Street, Quebec, Q.

- 164 Prepared calf and sheep skins ("*peaux domestiques*") for gloves and boot and shoe goods.

C. ROCHETTE, Manufacturer, St. Valier Street, Quebec, Q.

- 165 Patent boot and shoe heel stiffeners in pressed leather.

GROUP V.

CLASS 46.—Agricultural Implements and Processes used in the cultivation of the Fields and Forests.

F. G. BULLOCK, Otterville, O.

- 166 One each "Kent" and "Leader" corn planters.

CANADIAN PACIFIC RAILWAY COMPANY.

- 167 Ploughs, horse rakes, mowing, and reaping machinery. (See account of the Manitoba Farm exhibit, page 62).

- D. E. ECCLES & SONS, Mouth of the Nerepis, Kings Co., N. S.
 168 Patent bee hives, for use during the production of honey and after the honey has been extracted.

- E. L. FENNERTY, Halifax, N. S.
 169 Patent socket shovels.

- MASSEY MANUFACTURING COMPANY, Patentees and Makers of
 Agricultural Machinery, Toronto, O.
 170 One Toronto self-binding harvester.
 171 One Massey harvester.
 172 One Toronto mower.
 173 One Sharp's rake.

CLASS 49.—Machines and Apparatus in General.

- G. M. ROBINSON, Kingston.
 174 Patent Tuyau iron (cast and wrought iron) for smith's forge.
 (See Class 57.)

CLASS 50.—Machine Tools.

- CANT, GOURLAY, & CO., Galt, O.
 Wood working machinery.
 175 One band saw.
 176 One pony planer.

CLASS 53.—Apparatus and Processes for Sewing and Making up Clothing.

- CREELMAN, BROTHERS, Manufacturers and Patentees, Georgetown, O., and 22, Rue de la Commune, Antwerp.
 177 Two patent knitting machines (family) for rib work.
 Two do. do. (manufacturing) for rib work.
 One do. do. (family) for plain work.
 One do. do. (manufacturing) for plain work.
 (See Class 32.)

THE WILLIAMS MANUFACTURING CO., Montreal.

- 178 Assortment of sewing machines, viz., single and double drop-leaf single machines, plain and half-case machines, &c.

CLASS 57.—Carriages and Wheelwright's Work.

G. W. ROBINSON, Manufacturers, Princess Street, Kingston, O.

- 179 Ladies' phaeton with canopy top and rumble seat.
 180 Doctor's covered cart, steel axle, spring seat, skeleton top, stick seat.
 181 Covered buggy, steel axle.
 182 Double village cart (with steel axle, Collins' patent).
 183 Pony cart (steel axle).
 184 Family sleigh.
 185 Shifting seat sleigh.
 186 Pony sleigh.
 187 Child's sleigh.
 188 Pair of patent shaft couplings.

WARNOCK & CO., Carriage Spring Works, Galt, O.

- 189 Patent carriage springs with steel axles.

CANADIAN PACIFIC RAILWAY COMPANY.

(Agent on the Continent—R. R. H. toe Laer, Amsterdam.)

(See account of Manitoba Farm exhibit, page 62.)

- 190 Manitoba farmer's waggon.
 Native Red River cart (in Manitoba Farm in grounds).

CLASS 58.—Harness and Saddlery.

E. F. HUTCHINGS, Winnipeg.

- 191 Manitoba ox-cart harness.
 192 Train of Manitoba husky dog harness.
 193 Cowboy out-fit, comprising saddle, bridle, spurs, lariat, and stock whip.

GROUP VI.

CLASS 63.—Cereals, Farinaceous Products, and Products derived from them.

DEPARTMENT OF AGRICULTURE.

- 194 Collection of cereals in the grain and straw, vegetables, roots, &c.

From Quebec, Ontario, Nova Scotia, New Brunswick, Prince Edward Island, Manitoba, the North-West Territories, and British Columbia.

H. BRENT, Mission, Okanagan, B. C.

- 195 Spring wheat, grown at Okanagan Mission. Yield, 40 bushels per acre; soil, sandy loam.

J. D. BRYANT, South Saanich (near Victoria), B. C.

- 196 Spring wheat, "Chili Club." Yield, 35 bushels per acre; soil, clay loam.

J. BUTHOUR, North Saanich (near Victoria), B. C.

- 197 Field peas. Yield, 60 bushels per acre; soil, clay loam.

CANADIAN PACIFIC RAILWAY COMPANY.

- 198 Cereals, roots, &c., from the North-West Territories. (Trophy.) (See pages 57, 59.)

C. B. EAGLE, 150 Mile House, Cariboo, B. C.

- 199 Peas.

S. H. & A. S. EWING, Montreal, Q.

- 200 Vienna baking powder. (See Class 68.)

FISH & IRELAND, Lachute Mills, Argenteuil, Q.

- 201 Hygienic foods, known as "Our National Foods," viz., desiccated wheat (hulled and rolled), rolled oats (oatmeal), Baravena milk food (for infants and young children), desiccated barley (hulled and rolled), desiccated rye (hulled and rolled), patent prepared pea flour (for soup, brose, &c.), superior family groats, patent prepared barley.

GEORGE FRASER, Halifax, N. S.

- 202 "Manhattan" spiced feed for live stock and poultry.

JAMES GOLDIE, "People's Miller" (roller process), Guelph.

- 203 Samples of "Magyar" and "People's" flours.

H. HARTNEY, Menteith, Turtle Mountain, Manitoba.

- 204 Red Fye and spring wheat.

J. F. HAWKS, Soda Creek, B. C.

- 205 Spring and fall wheat.

G. MOORE, Waterloo, O.

- 206 Canadian hops.

M. B. SPAIN, Wilmot, Annapolis, N. S.

- 207 Winter rye, winter wheat (clauson), black oats, potatoes.

WM. THOMPSON, South Saanich (near Victoria), B. C.

- 208 Fall wheat, grown in South Saanich. Yield, 45 bushels per acre; soil, clay loam.

WHITLAW, BAIRD, & Co., Millers, Paris, O.

- 209 Samples of Magyar "Star" flours, in two kegs fitted with improved heads, specially contrived for flour barrels.

CLASS 65.—Fatty Substances used as Food—Milk and Eggs.

TRURO CONDENSED MILK COMPANY, N. S.

Sole Agent—Henry Howard, 1, Lime Street, London, E.C., England.

- 210 Condensed milk in tins. (Reindeer Brand.)

CLASS 66.—Meat and Fish.

ALBERT BAY CANNING COMPANY, B. C.

(Agent—H. C. Beeton, 36, Finsbury Circus, London, England.)

- 211 Canned Salmon.

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W. CLARK, Montreal.

- 212 Canned Meats:—Ham, beef (roast and corned), tongue, chicken, sausages, soups, &c. (Trophy.)

EWEN & Co., New Westminster, B. C.

(Agents—H. J. Gardiner & Co., 1, Gresham Buildings, Basinghall Street, London, E.C., England).

- 213 Canned and smoked Frazer River (B. C.) salmon.

(Trade Mark—lion on crown.)

FORREST & Co., Halifax, N. S.

- 214 Canned salmon and lobster.

GOLDEN CROWN PACKING COMPANY, N. S.

Sole Agent—Henry Howard, 1, Lime Street, London, E.C., England.

- 215 Canned Lobster.

D. W. HOEGG, Fredericton, N. B.

- 216 Canned lobster and roast beef.

NASS RIVER FISHERY COMPANY, B. C.

(Agent—H. C. Beeton, 36, Finsbury Circus, London, England.)

- 217 Canned salmon.

R. B. NOBLE, Richibuctou, Kent Co., N. B.

- 218 Canned lobster (selected quality).

RIVERS INLET CANNING COMPANY, Queen Charlotte Sound.

(Agent—H. C. Beeton, 36, Finsbury Circus, London, England.)

- 219 Canned Salmon (Queen Charlotte Brand).

HENRY SAUNDERS, Victoria, B. C.

- 220 Tinned oolachans, salted and smoked.

Tinned black codfish. (See Class 40).

JOSEPH SPRATT, Victoria, B. C.

- 221 Canned salmon. (See Class 40).

THISTLE HADDIE CURING AND CANNING COMPANY, Digby, N. S.

Sole Agent—Henry Howard, 1, Lime Street, London, E.C., England.

- 222 Canned Finnan Haddies.

TIPPETT & BURDITT, St. John, N. B.

- 223 Canned kippered herrings, digby chicken (boned), and finnan haddies.

CLASS 67.—Vegetables and Fruits.

D. W. HOEGG & Co., Fredericton, N. B.

- 225 Canned maize, blueberries, apples and baked beans.

S. G. KERR & SON, Canning, N. S.

- 226 Evaporated vegetables, consisting of potatoes, turnips, carrots, and summer savory, for vegetable soups.

CLASS 68.—Condiments and Stimulants, Sugar and Confectionery.

S. H. & A. S. EWING, Montreal, Q.

- 227 White, black, and red pepper, cassia, cloves, ginger, spices.
(See Class 63.)

W. H. ALLEN & Co., Toronto, O.

- 228 Flavouring extracts and fruit essences.

BOURRET, TURCOT, & Co., Montreal, Q.

- 229 Vinegar, manufactured from spirits of wine.

ANDREW MYLES, Portland, N. B. (Trophy.)

- 229a Samples of fruit syrups, viz., raspberry vinegar, raspberry, strawberry, lemon, lime juice, and winter-green syrups, lime juice, &c.

BARRÉ & Co., Fortifications Street, Montreal, Q.

- 230 Canadian wines, including ports, sherries, clarets, sauternes, Vermouth and sacramental wine.

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CLASS 69.—Fermented Drinks and other Beverages.

H. BLACKWOOD & Co., Montreal, Q.

- 231 Aërated waters, champagne cider.

COSGRAVE BREWING AND MALTING COMPANY, Toronto, O.

- 232 Ale and stout.

GOODERHAM & WORTS, Distillers, &c., Toronto, O.

- 233 Canadian malt and rye whiskies and pure spirit.

JOSEPH E. SEAGRAM, General Merchant, Miller, and Distiller
Waterloo, O.

- 235 Canadian malt and rye whiskies, pure spirits, alcohol.
(Trophy.)

HIRAM WALKER & SONS, Walkerville, O.

- 236 Canadian rye whiskies and Cologne spirit.

SECTION III.

NAVIGATION AND LIFE SAVING — FISHING AND PISCICULTURE — IMPORTATION & EXPORTATION TRADE.

GROUP VII.

CLASS 70.—Vessels of all Kinds. Apparatus, Fittings, Furniture.

DEPARTMENT MARINE AND FISHERIES.

- 237 Model of Government steamer "Lansdowne."

W. H. GRIDLEY, Manufacturer, Yarmouth, N. S.

- 238 Patent ship's tiller (wrought iron hand forged).

WILLIAM D. LAWRENCE, Shipbuilder, Maitland, Hants, N. S.

Three models of ships built in exhibitor's yards:—

- 239 "W. D. Lawrence," 272 ft. over all, beam 48 ft., depth of hold $29\frac{1}{10}$ ft. Registered tonnage 2,458 tons.

- 240 Clipper ship, 224 ft. over all, 41 ft. beam, 21 ft. depth of hold. Registered tonnage, 1,500 tons.

- 241 Clipper ship, 274 ft. over all, 44 ft. beam, $23\frac{1}{2}$ ft. depth of hold. Registered tonnage, 2,000 tons.

WM. McDUGAL, Shipbuilder, South Maitland, Hants, N. S.

Two models of ships built and building in exhibitor's yards:—

- 242 "McDougal," length of keel 183 ft., beam 38 ft., depth of hold 22 ft. Registered tonnage, 1,174 tons.

- 243 Barque "Salmon" (building), length of keel 181 ft., beam 38 ft., depth of hold $22\frac{1}{10}$ ft. Registered tonnage, 1,130 tons.

C. STEMSHORN, 141, Hollis Street, Halifax, N. S.

- 244 Birchbark canoe, 19 ft. 2 in. long, made by the Milicete Indians.

ONTARIO CANOE COMPANY, LIMITED, Peterborough, O.

(Agents—J. C. Cording & Co., 19, Piccadilly, London, W., England.)

- 245 Cedar rib canoe, varnished, with two single paddles.
 246 Longitudinal rib canoe, varnished, with two single paddles.
 247 Longitudinal rib canoe, painted, with two paddles.
 248 Basswood canoe, varnished, with two single paddles.
 249 Cedar rib canoe, varnished, with four single paddles.
 250 Cedar row boat, with cushions, outriggers, and four paddles.
 251 Ontario canoe, with hatches and foot steering gear, batten, long sails, and double blade paddle.
 252 Juniper canoe, lateen sail, and double blade paddle.

GROUP VIII.

CLASS 72.—Apparatus used in Fires and other Accidents.

R. CHRISTIE, Truro, N. S.

- 253 Model of fire escape.

W. JENSEN, Victoria, B. C.

(Sole Agents—Rose & Co., Engineers' Hose Manufacturers, Manchester, England.)

- 254 Patent fire escape (up to fifty feet.)

CLASS 78.—Natural History.

MATHIAS OWEN, Victoria, B. C.

- 255 Dried herring spawn for artificial hatching and breeding.

H. W. BEST, St. John, N. B.

- 256 Oyster shells.

DEPARTMENT OF MARINE AND FISHERIES, Ottawa, O.

- 257 Salmon.
258 Salmon, Quebec.
259 White Fish, Lake Ontario.
260 Large Bass.
261 Speckled Trout.
262 Do. Quebec.
263 Sea Trout.
264 Small Bass.
265 Jack Fish, Lake Manitoba.
266 Striped Bass, Province of Quebec.
267 Haddock.
268 Brook Trout (5).
269 Maskinongé.
270 Sea Trout.
271 Maskinongé.
272 Yellow Perch (5).
273 Salmon.
274 Cat Fish (Red River Salmon).
275 Perch, spotted, Lake St. Peter.
276 Lake Trout.
277 Pickerel.
278 Bass, Quebec.
279 Perch (2).
280 Salmon.
281 Salmon, Restigouche River, N. B.
282 Codfish.
283 Pickerel.
284 Spotted Trout.
285 Catfish.
285a Haddock.
286 Salmon.
287 Bass.
288 White Fish, Great River.
289 Striped Bass
290 Salmon, Saguenay River.

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FINE ARTS.

ALLAN EDSON (pupil of L. G. Pelouse), c/o. W. Scott & Sons, Notre Dame Street, Montreal, Q.

- 291 Water-colour painting, entitled, "Early Snow in Autumn."

G. R. BRUNECHE, 281, Toronto Street, West Toronto, O.

- 292 Two water-colour paintings, entitled, "Autumn on Shadow River," Muskoka, Canada; "Indian Camp on the Ottawa River," Canada.

EDWIN COX & Co., 114, St. Francis Xavier Street, Montreal.

- 293 One frame of illuminated work, by hand.

The portrait at the top represents Her Majesty the Queen; at the bottom, the late Governor-General, the Marquis of Lorne; the top left hand view, Lieut.-Governor Robitaille, of the province of Quebec; the corresponding one on the right hand, Lieut.-Governor Archibald, of Nova Scotia; the bottom left hand, Lieut.-Governor Cauchon, of Manitoba; the bottom right hand, Lieut.-Governor Haviland, of Prince Edward Island. The portrait in the letter "O," in the centre, represents Lieut.-Governor Wilmot, of New Brunswick; and the one in the "D," Lieut.-Governor Robinson, of Ontario.

L. HÉBERT, 83, Bury Street, Montreal.

- 294 Statue of Sir Hector Langevin, Minister of Public Works of Canada.

J. C. MYLES, A.R.C.A.

- 295 Three paintings—cherries, trout, and game.

OTTAWA SCHOOL OF ART AND SCIENCE, Ottawa, O.

G. F. STALKER, Esq., Principal.

- 296 Illuminated designs for China tea services, mosaic floor, encaustic tiles, lace work, carpets, book-covers in stamped leather, oil cloth, wall paper, sideboard, mantel, façade of opera house, &c., executed by the students.

EXHIBIT

OF THE

CANADIAN PACIFIC RAILWAY COMPANY

(AGENT ON THE CONTINENT—

MR. R. R. H. toe LAER, AMSTERDAM),

(TROPHY)

IN THE MAIN GALLERY

FRONTING THE ENTRANCE TO THE
CANADIAN SECTION.



CANADIAN PACIFIC STAND.

Situate opposite the main entrance to the Canadian Court is the exhibit of the Canadian Pacific Railway Company, where may be found a complete representation of the products and characteristics of those vast and fertile regions in the Canadian North-West traversed by the main line of the railway. First to attract attention will be the obelisks on either hand, on which are arranged specimens of wheat, oats, and barley in the straw, as grown on the prairie. The painting in the centre represents the snow-capped Mount Stephen in the Selkirk Range of the Canadian Rocky Mountains. Immediately at the base of the towering peak, which stands out so prominently in the picture, runs the line of the newly-constructed Canadian Pacific Railway, which will this year connect the Atlantic and Pacific shores of Canada, and beyond flows the surging river fresh from the mountain side. Special arrangements which have been made by the railway company now bring this wealth of scenery within the reach of all European tourists.

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GRAINS.—Returning, however, to the exhibit, the samples of grain arranged in bottles call for remark on account of their excellence and variety. Finest in quality among the wheats is that of the No. 1 Hard Fyfe variety, from the Canadian Pacific Experimental Farm, at Dunmore, 651 miles west of Winnipeg, on the main line of the railway. Next in quality are the fine samples from Maple Creek, Forres, Stair, and Gleichen Experimental Farms, situated at distances of 596, 615, 668, and 785 miles respectively west of Winnipeg. These grains, it may be mentioned, have lately attracted much attention among English millers, their purity and strength making them of much value for admixture with softer wheats.

Among other grain and general samples shown from different parts of the Canadian North-West are:—

WHEAT.—Golden Drop, White Russian, White Fyfe, Scotch Fyfe, and Red Fyfe (average yield, 30 bushels to the acre, weight, 62 to 66 pounds).

BARLEY.—Chevalier barley, &c. (average yield, 38 bushels to the acre, weight, 50 pounds).

OATS.—White oats, black oats, Egyptian oats (average yield, 45 bushels to the acre, weight, 40 pounds).

BEANS.—White Field beans, China beans, Caseknife beans.

PEAS.—Golden Vine, Prussian Blue, Black-eyed Marrowfat, White-eyed Marrowfat (average yield, 34 bushels to the acre).

GRASS SEED.—Timothy.

FLOUR.—Ogilvie's "Strong Bakers," Patent, and Hungarian flour.

POTATOES.—White Star, Burbank Seedling, White Elephant, Mammoth Pearl, American Wonder, Beauty of Hebron, Cortiss Matchless, Pride of America (average yield, 287 bushels to the acre).

FLAX SEED.—Average yield, 28 bushels to the acre.

SOIL.—Of soil nine samples are shown from various districts of the Canadian North-West. This soil it will be noted is generally a rich, deep, black mould, or loam, resting on a deep and very tenacious clay subsoil, the depth of the loam ranging from two to

four feet. An analysis by Dr. Macadam, of Edinburgh, pronounces it very rich in organic substance, containing the full amount of saline fertilising matters usually found in all soils of a good bearing quality, and specially adapted to the growth of wheat, oats, barley, root crops, and grasses.

COAL.—The fuel of the Canadian North-West is well represented in a large sample of coal from the Galt Mine. The quantity of coal already proved to exist in the Canadian North-West is very great. Approximate estimates of the amount underlying a square mile of country in the locality from which this sample of Galt coal is obtained, show as follows:—

Main Seam, in vicinity of Coal Banks, Belly River. Coal underlying one square mile, 5,500,000 tons.

Grassy Island, Bow River (continuation of Belly River Main Seam) Coal underlying one square mile, over 5,000,000 tons.

Horse-shoe Bend, Bow River. Coal underlying one square mile, 4,900,000 tons.

Blackfoot Crossing. Workable coal seam as exposed on Bow River. Underlying one square mile, 9,000,000 tons.

The quality of these fuels is such as to render them suitable for transport to any destination, and it is doubtless, as an authority has said, that on this belt of coal-bearing rocks in the vicinity of the Rocky Mountains the railways of Canada will draw largely for their supply.

WOOD.—The woods of the Canadian North-West are also well represented. The following are among the varieties found—elder, oak, elm, maple, rosewood, cottonwood, poplar, willow, white and red cedar, birch, spruce, tamarac, cherry, balsam, ash, and pine. The Canadian Pacific Railway has now entered the forests of the Rocky Mountains, which contain some of the finest timber in the world, sufficient to supply the prairie region of the North-West with timber for all time. The section of country lying east of Winnipeg between the Red River and Lake Superior abounds with timber. Already at Rat Portage, Lake of the Woods, Winnipeg, and also at the eastern base of the Rocky Mountains, several large saw mills are in active operation. The

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prairie section of the Canadian North-West is, therefore, happily situated in respect of timber, lumber, and fuel.

GRASSES.—The hay to be found on the prairie is well known for its nutritious qualities. The following are among the samples which may be seen ranged at the back of the stand:—Swamp grass, red root grass, coarse seed grass, purple bobhead grass, field grass, mixed meadow grass, French seed grass, rat grass, brown top grass, coarse rye grass, bog grass, fall grass, early spring grass, sedge grass, mixed grasses, Scotch grass. There are indeed between forty and fifty different varieties of grasses, sedges, and legumes in the North-Western prairies; and the first point the farmer would note about them is the abundance of foliage of nearly all the species. While the grasses of Eastern Canada are nearly all culm or stem, having, most of them, only one, two, or three leaves, most of the North-Western grasses have from ten to twenty leaves. Of course this is an extremely valuable feature in grass, as the leaves are more easily digested than the culms. Cattle raising is already carried on to a great extent in various portions of the Canadian North-West, and, seeing the value of many districts for cattle raising as well as for the growth of grain, mixed farming is coming into more general use. Sheep also thrive well throughout the North-West, and large herds are being placed on ranches specially set apart for the purpose at the eastern base of the Rocky Mountains.

VEGETABLES.—The models of squashes, turnips, mangolds, potatoes, and other roots from the North-West, may be taken as fairly representative samples. Vegetables, indeed, yield abundantly, as may be seen from the following instances; the correctness of which can be vouched for, at any time, by numerous farmers resident in the country. Turnips, 30 pounds each, common weight 12 pounds; squash, $5\frac{1}{2}$ feet round the centre; carrots, 11 pounds each; citron, 18 pounds each; onions, $1\frac{1}{2}$ pounds each; mangel-wurzel, 27 pounds each; beets, 23 pounds each; cabbages, 49 pounds each.

GAME.—The game of the North-West also finds representation on the stands in buffalo heads and prairie chickens; though

for a fuller display, reference should be had to the Hubbard collection in the centre of the Canadian Court.

MINERALS.—The following samples of minerals from different parts of the Canadian North-West, but particularly from the district of Keewatin, east of Winnipeg, may be found in various parts of the stand :—

Anthracite coal.	Green felspar.
Copper ore.	Milk quartz and native copper.
Anthracite, or blind coal.	Alabaster.
Coal with iron pyrites.	Quartz with silver glance.
Bituminous coal (soft coal).	Fine grained limestone.
Chronac ironstone.	Cobalt and nickel.
Magnetite (magnetic iron ore).	Fine Limestone.
Brown ironstone.	Clay land ironstone.
Red iron ore.	Garnet rock.
Magnetite (magnetic iron ore).	Crystalline limestone.
Clay ironstone.	Dolomite magnesium.
Galena (sulphide of lead).	Grey granite.
Quartz with copper ore.	Fine grained limestone.
Red copper ore.	Bracite.
Green copper ore.	Red granite.
Tungsten ore.	Felspar.
Red and green copper.	Quartz, conglomerate with ore.
Manganese ore.	Fine limestone.
Silver ore.	Granite with silver ore.
Gold quartz.	Graphite — plumbago (black lead).
Quartz with copper pyrites.	Lead ore.
Spongy sandstone.	Quartz rock and clay slate.
Quartz with silver ore.	Whinstone (Dionite).
Cobalt with nickel ore.	Quartz rock with pyrites.
Red ironstone.	Heavy spar.
Manganese ore.	Spa.
Quartz rock and granite.	Magnetic iron.
Chlorite and schist.	Red hematite limestone.
Red ironstone.	Stialite, or soapstone.
Chlorite, schist, and silver.	

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Asbestos.	Gypsum.
Carbonate of lead.	Red ironstone (hematite).
Antimony.	Porphyry.
Gold quartz.	Peacock copper (erulescite).
Peacock copper.	Building stone.

The views at the back of the stand are worthy of particular notice, representing as they do the tourist as well as the agricultural aspects of the Canadian North-West. By aid of these photographs the visitor may, in imagination, travel in one of the Canadian Pacific Railway drawing-room cars from Montreal to Owen Sound, thence by lake steamer to Port Arthur, and onward through the prairie district of the Canadian North-West, as far west as the heart of the Rocky Mountains.

MANITOBA FARM.

EXHIBIT

OF THE

Canadian Pacific Railway Company,

IN THE EXHIBITION GROUNDS,

Immediately to the right of the main entrance.

THE MANITOBA FARM.

The collection of buildings at the right hand of the main entrance to the Exhibition should be seen by every visitor. It represents in a model form the stages through which an emigrant in the Canadian North-West generally passes in the process of settlement. When landed in the country he erects his tent and devotes his first energies, it may be, to the cultivation of a portion of his land. Autumn comes, and necessitates activity in the preparation of his log or frame house, of the latter of which an excellent model is shown on the farm. The sitting-room and bedroom look snug and comfortable enough, and the furniture strong and homely. Having erected a dwelling for himself, the settler next turns attention to a stable for the live stock, and this he will probably build of logs in the same way as the model. Shedding for machinery, &c., a pump, and other accessories soon

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follow, and having surrounded the buildings with a stout poplar railing, the farm becomes complete. Here then, in a small portion of the Exhibition grounds, may be gained a complete idea of a Manitoba homestead, while from tickets attached to each article, the total cost may be easily calculated. The following is a list showing the cost in Manitoba of the chief articles:—

	£	s.	d.
Portable house, 12 ft. by 9 ft.	10	0	0
Do. 20 ft. by 18 ft. (3 rooms)	41	0	0
Do. 20 ft. by 18 ft. (4 rooms)	45	0	0
Do. 32 ft. by 18 ft. (6 rooms)	67	0	0
Canvas tent, 12 ft. by 16 ft.	5	2	0
Brantford reaper and binder (6 ft. cut)	50	0	0
Hay horse rake	8	0	0
Mower	15	16	0
Reaper	20	11	0
Farming waggon	15	8	0
One wheelbarrow	0	12	0
One buck saw	0	4	0
One saw horse	0	3	0
One hay fork	0	4	0
100 feet barbed wire fencing, 2s. 9½d. per 100 ft.			
One waggon	17	0	0
One plough (breaker)	4	4	0
One set iron harrows	3	10	0
One set bob sleighs	6	0	0
One mower	17	0	0

Inside the Cottage.

One bureau	2	8	0
One washstand	0	11	0
One table	1	0	0
One bedstead... ..	1	0	0
One round cornered table	0	14	0
One bow-backed chair	0	3	7
One four-rod chair	0	3	0

					£	s.	d.
One fancy spindle chair	...	...	...	...	0	4	0
One rocking chair	...	...	...	...	0	9	0
Child's cradle	...	...	...	...	1	3	0

In the Yard.

One Pump, complete	...	...	...	...	1	4	0
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Visitors should particularly note the old-fashioned Red River cart, to be seen in the farm yard. It is made of wood, wooden nails, wooden wheels, and, indeed, with the exception of two thin iron bands round the axle, there does not appear a particle of iron. These Red River carts were formerly very much used in the Canadian North-West, and the specimen shown has travelled as far as over 3,000 miles. This Red River cart, it may be mentioned, is shown to illustrate the different methods of travel adopted in old days as compared with the present time. The four-wheel waggon in the shed may be taken to represent the settler's general mode of transport to-day. Every visitor to the Manitoba farm should enter his name and address in the visitor's book kept in the house, that any new literature regarding the Canadian North-West may be sent to him free of all charge.

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APPENDICES.

DOMINION OF CANADA.

EXTENT AND POPULATION.

CANADA extends from the Atlantic to the Pacific Ocean. Its area is 3,470,392 square miles. It possesses thousands of square miles of the finest forests on the American continent, widely spread coal fields, extensive and productive fisheries, and rivers and lakes that are among the largest and most remarkable in the world. The country is divided into eight provinces, the names of which are—

1. Nova Scotia	...	...	containing	20,907 square miles.
2. New Brunswick	...	...	"	27,174 "
3. Prince Edward Island	...	...	"	2,133 "
4. Quebec	...	...	"	188,688 "
5. Ontario	...	...	"	101,733 "
6. Manitoba	...	...	"	123,200 "
7. North-West Territories	...	...	"	2,665,252 "
8. British Columbia	...	...	"	341,305 "

According to the census taken in 1881 the population of the Dominion at that time numbered 4,324,810. Of these Nova Scotia contained 440,572; New Brunswick, 321,233; Prince Edward Island, 108,891; Quebec, 1,359,027; Ontario, 1,923,228; Manitoba, 65,954; North-West Territories, 56,446; British Columbia, 49,459. The origins of the population are returned as follows:—891,248 English and Welsh, 957,408 Irish, 699,863 Scotch, 1,298,929 French, 254,319 German. The balance is made up of Dutch, Scandinavians, Italians, &c.

MEANS OF COMMUNICATION.

There are 9,949 miles of railway in operation at the present time, and about 1,500 miles are also in course of construction.

The Canadian Pacific Railway, which is now in operation from Quebec to the heart of British Columbia will, it is expected, be completed to the coast of British Columbia in the Autumn of the present year. It will then, with the Intercolonial Railway, form a short overland route from the Atlantic to the Pacific, and a short route between Europe and China, Japan, India, Australia, and New Zealand.

The inland waterways of Canada, which have been made continuously navigable by a connecting chain of ten canals, comprising 71 miles of artificial navigation, extend from the Straits of Belle Isle to Thunder Bay, at the head of Lake Superior.

There are 7,254 vessels on the Dominion Register representing a net tonnage of 1,253,747, of which 207,669 tons represent steamers. This does not, however, give an accurate idea of the shipping of Canada, as many vessels owned in the colony are registered in England. It is sufficient, however, to show the important maritime position of the Dominion.

TRADE AND INDUSTRIES.

The aggregate trade of Canada, including the imports and exports, for the quinquennial periods since 1875, has amounted to—

1875-1879	...	...	...	...	\$876,198,534
1880-1884	...	...	...	...	\$1,037,722,936

The imports for the fiscal year ended June 30th, 1884, amounted in value to \$116,397,043, and the exports to \$91,406,496.

THE EXPORTS FOR THE YEAR ARE DIVIDED THUS:—

					\$
The Mine	...	...	...	...	3,442,491
The Fisheries	...	...	...	...	8,609,341
The Forest...	..	...	...	...	27,296,083
Animals and their Products	..	...	...	...	24,152,184
Agricultural Products	...	...	...	...	18,156,060
Manufactures	...	...	...	...	4,177,146
Miscellaneous	...	...	...	...	687,880
Coin and Bullion	...	...	...	...	2,184,292
Estimated amount short returned at inland ports	...	...	...	...	2,701,019
					\$91,406,496

THE EXPORTS OF THE PRINCIPAL ITEMS OF AGRICULTURAL PRODUCE AND OF ANIMALS AND THEIR PRODUCTS IN 1884 WERE:—

<i>Agricultural Produce.</i>				<i>Animals and Products.</i>			
Barley (bushels)	...	7,780,262		Horses	...	No.	12,872
Oats	"	1,431,744		Horned Cattle	...	"	90,664
Peas	"	2,255,591		Sheep	...	"	394,474
Wheat	"	3,021,188		Cheese	...	Lbs.	75,835,557
Potatoes	"	753,435		Eggs	...	Doz.	11,490,855

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Agriculture forms the principal wealth of the Dominion at the present time; but it will be seen that Canada is taking a place as a manufacturing country, and its resources are such as to justify the statement that its growth in this respect is likely to continue.

The important position which the manufacturing industries occupy in the Dominion will be seen in the following comparative summary of the capital invested in manufacturing and industrial enterprise, rates of wages, &c. :—

	Capital Invested.		Value of Products.		Persons Employed.		Average Wages for Each Person.	
	1881.	1871.	1881.	1871.	1881.	1871.	1881.	1871.
	\$	\$	\$	\$	No.	No.	\$	\$
Prince Edward Island	2,085,776	.....	3,400,308	.....	5,767	.....	.....	.....
Nova Scotia	10,183,060	6,041,966	18,375,326	12,338,103	20,390	15,595	.....	.....
New Brunswick	8,488,382	5,976,176	18,513,658	17,367,687	19,922	18,382	.....	.....
Quebec	59,216,992	28,071,868	104,662,258	77,205,182	85,673	66,714	.....	.....
Ontario	80,950,847	37,874,010	157,989,570	114,706,799	118,308	87,381	.....	.....
Manitoba	1,383,331	.....	3,413,026	.....	1,921	.....	.....	.....
British Columbia	2,982,835	.....	2,926,784	.....	2,871	.....	.....	.....
The Territories	104,500	.....	195,938	.....	83	.....	.....	.....
Totals	165,302,623	77,964,020	309,676,068	221,617,773	254,935	187,942	233'11	217'36

NOTE.—The figures given are from the Census returns of 1871 and 1881.

The manufacturing and industrial enterprises comprised in the foregoing summary are as follows :—

Aerated water making	Boat building
Agricultural implements	Boiler making
Bakeries of all sorts	Bone crushing mills
Baking powder making	Bookbinding
Bank note engraving establishments	Boots and shoes
Bark extract works	Breweries
Basket making	Brick and tile making
Bell foundries	Broom and brush making
Belt and hose factories	Butter factories
Billiard table making	Button factories
Blacking manufactories	Cabinet and furniture
Blacksmithing	Car and locomotive works

Carding and fulling mills
 Cardboard manufactories
 Carpenters and joiners
 Carpet making
 Carriage making
 Carving and gilding
 Cement mills
 Charcoal burning
 Cheese factories
 Chemical establishments
 Chicory kiln
 Chocolate factory
 Church decorations
 Cider making
 Coffee and spice mills
 Cooperages
 Cordial and syrup making
 Cork cutting
 Corset factories
 Cotton factories
 Cutlery
 Dentistry
 Distilleries
 Dressmaking and millinery
 Dyeing and scouring
 Edge tool making
 Engine building
 Engraving and lithographing
 Fire-proof safe making
 Fishing tackle making
 Fittings and foundry working in
 brass, iron, lead, &c.
 Flag making
 Floor oil cloth making
 Flour and grist mills
 Foundries and machine working
 Furriers and hatters
 Gas works
 Glass works
 Glove and mitt making
 Glue making
 Gold and silversmithing
 Gold leaf factory

Grindstone works
 Gunsmithing
 Gunpowder mills
 Gypsum mills
 Hosiery manufactories
 India rubber factories
 Indian manufactures
 Ink factories
 Iron smelting furnaces and
 making
 Jewellers and watchmakers
 Lamp and chandelier making
 Last factories
 Lime kilns
 Linseed oil factory
 Lock making
 Match factories
 Mathematical instrument making
 Mattress making
 Meat curing
 Miscellaneous wares
 Morocco manufactory
 Musical instrument making
 Nail and tack factories
 Native wine making
 Nut and bolt works
 Oil clothing establishments
 Oil refineries
 Opium factory
 Pail and tub factories
 Paint and varnish works
 Painters and glaziers
 Paper manufactories
 Paper bag and box making
 Paper collar factory
 Patent medicine manufactories
 Photographic galleries
 Pickle making
 Picture frame making
 Planing and moulding mills
 Plaster and stucco works
 Pot and pearl ashes
 Potteries

Prepared
 Preserved
 Printing
 Pulp mills
 Pump factories
 Quartz
 Rivet factories
 Rolling
 Roofing
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 Saddle
 Salt works
 Sash, doors
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 Saw mills
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Prepared peat fuel factory	Starch factories
Preserved articles of food	Stave mills
Printing offices	Steel barb fence factory
Pulp mills	Stone and marble cutting
Pump factories	Straw works
Quartz crushing mills	Sugar refineries
Rivet factories	Sugar and syrup making from sorg- hum, beet root, etc.
Rolling mills	Superphosphate works
Roofing felt factories	Surgical appliances
Rope and twine making	Tailors and clothiers
Saddle and harness making	Tanneries
Salt works	Tent and awning factories
Sash, door, and blind factories	Thread making
Saw and file cutting	Tin and sheet iron working
Saw mills	Tobacco pipe factories
Scale factories	Tobacco working
Screw factory	Tree-nail and wedge making
Scrutching mills	Trunk and box making
Sewing machine factories	Type foundries
Shingle making	Vermicelli and macaroni making
Ship material making	Vinegar factories
Ship yards	Wall paper factories
Shirt, collar, and tie making	Wax candle and taper factories
Shook and fishbox making	Whip factories
Silk mills	Wig making
Skate factory	Window shade factories
Soap and candle making	Wire works
Spike and railway chair factory	Wood turning
Spinning wheel factories	Wool cloth making
Spring and axle factories	

TIMBER RESOURCES.

The amount of capital invested in timber lands and saw-mill property is estimated to be at least \$35,000,000; the value of the annual output is \$38,000,000; and the amount annually invested in working capital is \$20,000,000.

Timber exports have for years formed a large item in the volume of trade of the Dominion, and of late these exports have shown a most gratifying development, the value of the products of the forest exported having risen from \$13,797,259 in 1879, to 27,296,083 in 1884.

The annual consumption of wood by mechanical industry reaches an amount that will astonish anyone who has not given his attention to this

subject. As a verification of this, the last census enumerates thirty-four industries or occupations which depend in whole or in part upon wood or timber: as their raw material for manufacture or commerce, comprising a total number of 17,577 establishments, employing 95,741 hands, and turning out manufactured articles valued at \$95,029,828.

The industries or occupations depending in whole or in part upon wood for raw material are—

Agricultural implements
Cabinet and furniture makers
Carpenters and joiners
Carriage-makers
Cooperages
Saw mills
Shingle factories
Tanneries
Boat building
Broom and brush factories
Pot and pearl asheries
Pump factories
Sash, door, and blind factories
Shipyards
Basket making
Charcoal burning
Spinning wheel factories

Wood turning establishments
Carving and gilding establishments
Match factories
Trunk and box factories
Bark extract factories
Billiard table factories
Car and locomotive works
Fishing tackle factories
Last factories
Pail and tub factories
Picture frame factories
Planing mills
Shook factories
Stave factories
Tree-nail factories
Window shade factories
Pulp mills

The following lists enumerate the purposes to which various woods are applied:

BUILDING—Cedar, pine, spruce, fir, larch, elm, oak, birch for ship-building; pine, oak, white wood, ash, spruce, chestnut, and birch for house carpentry; hemlock for barns and outbuildings; hemlock, elm, beech, birch, oak, plane, alder, white cedar for wharves, docks, flumes, mines, and wet foundations, and for piles.

MACHINERY—Ash, beech, birch, pine, elm, and oak for frames; alder and pine for foundry patterns; service trees for rollers; crab apple for mill machinery; hornbeam, ironwood, and service tree for teeth of wheels.

FURNITURE and CABINET WORK—Beech, birch, cedar, cherry, pine, white wood, ash for common use, maple, oak, butternut, walnut, cherry, chestnut, cedar, tulip wood, and alder for best furniture.

COOPERAGE—Fir, cedar, oak, ash, poplar.

AGRICULTURAL IMPLEMENTS and WHEELWRIGHTS—Beech, elm, oak, hickory, ash, bass, willow; and for tool handles, birch, ash, hickory, beech, hornbeam, ironwood.

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RAILWAY TIES—Larch, cedar, oak, ash, hemlock, chestnut, and hickory.

CARVING and TURNING—Bass, willow, arbutus, red alder, dogwood.

GENERAL—Birch and poplar for spools and bobbins; poplar and bass for paper making.

PROPERTIES.

ELASTICITY—Ash, hickory, chestnut, and red birch.

TOUGHNESS—Beech, elm, oak, walnut, hornbeam, ironwood, bass, willow.

GRAIN (for engraving)—Bass, arbutus, and dogwood.

DURABILITY—In dry works, cedar, oak, poplar, pine, chestnut; exposed to weather, larch; and in wet works, white cedar, birch, hemlock, elm, alder, beech, oak, and plane.

MINERAL RESOURCES.

THE possession of metals is of vital importance to every country, and nature has been extremely prolific in giving Canada, in its varied geological formations, many of the ordinary metals and ores. The Atlantic coast embraces a large area of the oldest known formation, the Laurentian, which brings up from the bowels of the earth, either in its rocks or accompanying them, nearly all the known minerals. The Pacific coast, over an area of several hundred thousand square miles, is composed of rocks similar to those of Colorado and Nevada; and the district between the great lakes furnishes no small amount of minerals, of which also the Prairie regions contribute their share.

The chief minerals of economic importance enumerated in the Geological Survey Reports as existing in Canada may be thus classed:—

1. Metals and their ores.
2. Minerals applicable to chemical manufactures.
3. Minerals applicable to construction.
4. Minerals for grinding and polishing.
5. Minerals applicable to refraction.
6. Minerals applicable to the Fine Arts.
7. Minerals applicable to miscellaneous uses.

Metals and their Ores.—Under this head are the following:—Iron, which exists as bog ore, hematite, magnetic, and specular ore and magnetic iron sand; lead; copper, sulphurets and native; nickel and cobalt, zinc, silver, gold, platinum.

Minerals Applicable to Chemical Manufactures.—Iron ores and chromic iron, sulphate of barytes, molybdenite, cobaltiferous and arsenical pyrites, bismuth, antimony, manganese, dolomite, magnesite, phosphate of lime, and calcareous tufa. Of the above, iron ores and sulphates of barytes, chromic

iron, bismuth, and others are used as pigments and in the manufacture of paints; molybdenite and manganese for bleaching and decolourising; pyrites for the manufacture of copperas, sulphur, and sulphuric acid; dolomite and magnesite for medicinal purposes; phosphate of lime and calcareous tufa for artificial manures.

Minerals applicable to construction.—Under this head are limestones and sandstones for building purposes, the former is also used to prepare lime and hydraulic cement; gneiss; syenite and granite for paving purposes; marbles, found in great variety, white, black, red, veined, dark and light green, brown, grey, mottled, &c., for pillars, mantelpieces, and decorative purposes and sculpture; slates for roofing; flagstones; clays, various colours, for bricks and tiles.

Minerals for grinding and polishing.—Whetstones, hones, grindstones, millstones, and emery powder.

Minerals applicable for refraction.—Asbestos, or amianthus; mica; soapstone, or stearite; plumbago, or graphite; and clay for fire bricks.

Minerals applicable to fine arts.—Lithographic stones, agates, jaspers, crystals, amethysts.

Miscellaneous minerals.—Coal, lignite, rock salt, petroleum or rock oil, feldspar, bituminous shale.

The extent of the mining industries of the Dominion was returned in the census last as under:—

						Aggregates for the Dominion.
Gold	...	...	...	...	ounces	70,015
Silver	...	...	...	...	"	87,024
Copper—ore	...	...	...	...	tons	3,177
Iron Ore	...	...	...	...	"	223,057
Pyrites	...	...	...	...	"	20,770
Manganese	...	...	...	...	"	2,449
Other Ores	...	...	...	...	"	5,924
Coal	...	...	...	...	"	1,307,824
Plumbago	...	...	...	...	"	28
Gypsum, lump	...	...	...	...	"	183,076
Phosphate of Lime	...	...	...	...	"	14,747
Mica	...	...	...	...	pounds	16,076
Petroleum, crude	...	...	...	...	gallons	15,490,622
Salt	...	...	...	...	barrels	472,074
Grained Marble	...	...	...	...	cubic feet	40,126
Building Stone for dressing	...	...	...	...	"	8,141,227
Roofing Slate	...	...	...	...	squares	10,536

FISHERIES.

To illustrate the wealth of the Fisheries of Canada at the present time, and to demonstrate the development of which they are susceptible, it is only necessary to state that the value of the yield for 1884 was \$17,766,404, an increase of \$808,211 over the yield of the preceding year. This branch of industry gives regular employment to 1,147 vessels, 30,427 boats, and 50,000 men. Cod, herring, lobster, mackerel, salmon, and haddock are the five principal varieties of the commercial food fishes of Canada, and they form two-thirds of the total value of the fish annually taken. Although already third in point of importance the lobster fishery is of the most recent date, and its history the most interesting. Ten years ago the lobster fishery was almost unknown in Canada, and to-day it is carried on in more than 600 factories, which send annually to the different markets of the world between sixteen and seventeen million cans, representing a value of \$2,500,000 to \$3,000,000.

Twelve establishments for the artificial propagation of fish are now in actual operation in the several Provinces of the Dominion. These are at the present time largely filled with fish eggs, collected at various points throughout Canada during the spawning season of 1884.

The total number of young fish of various kinds hatched and distributed from the fish-breeding institutions in 1884 amounted to 53,143,000, and the total quantity of fish eggs laid down in all the hatcheries during the autumn of 1884 was 66,033,000.

CUSTOMS TARIFF OF BELGIUM.

ARTICLES.							DUTY.
							fr. c.
LIVE ANIMALS—Live stock—horses and all other living animals							
without distinction	...	...	...	...	...	...	free
BUTTER	...	...	...	...	...	...	free
WOOD—For building and cabinet making—oak and walnut,							
					per cubic metre		1 00
Do. other—rough or unsawn,					per cubic metre		3 00
Do. do. sawn—of more than 5 centimètres in thickness,					per cubic metre		6 00
Do. do. do. of 5 centimètres and under					do.		9 00
Not specified	...	...	...	...	...	...	free
Manufactured	...	...	...	...	...	...	free

ARTICLES.					DUTY.	
					fr	c.
LIQUORS, distilled—Brandies of every kind—						
In wood, of 50° and under ...	...	...	...	per hectolitre	100	00
For every degree above 50°	...	...	...	do.	2	00
In bottles, and liqueurs without distinction of degree,					per hectolitre	200 00
Other alcoholic liquids	...	...	...	do.	134	00
PRESERVES—In spirits	...	...	...	per 100 kilos.	80	00
In sugar	...	...	...	do.	25	00
Other	...	...	...	do.	10	00
SPICES—	...	...	...	per 100 fr. of value	15	00
YARN—Cotton, unbleached and bleached, measuring in the half kilogramme						
20,000 mètres or less	...	...	...	per 100 kilos.	15	00
Do. do.	20,000 to 30,000 mètres	...	...	do.	20	00
Do. do.	30,000 to 40,000 mètres	...	...	do.	30	00
Do. do.	40,000 to 65,000 mètres	...	...	do.	40	00
Do. do.	more than 65,000 mètres	...	...	do.	10	00
Coloured or machined, measuring in the half kilogramme						
20,000 mètres or less	...	...	...	per 100 kilos.	25	00
Do. do.	20,000 to 30,000 mètres	...	...	do.	30	00
Do. do.	30,000 to 40,000 mètres	...	...	do.	40	00
Do. do.	40,000 to 65,000 mètres	...	...	do.	50	00
Do. do.	more than 65,000 mètres	...	...	do.	10	00
Woollen, not twisted or coloured	...	...	...	do.	20	00
Do. twisted or coloured	...	...	...	do.	30	00
Flax, hemp, and jute, measuring in the kilogramme more than						
20,000 mètres ; not twisted or coloured	...	...	...	per 100 kilos.	20	00
Do. do. twisted or coloured	...	...	...	do.	30	00
FRUITS—Almonds						
...	...	...	...	do.	35	00
Apples	...	...	...	...	free.	
Lemons, oranges, and figs	...	...	...	per 100 kilo	9	00
Prunes and raisins	...	...	...	do.	25	00
Not otherwise specified	...	...	...	per 100 fr. of value	10	00
GRAIN—Wheat, spelt husked or unhusked, rye, maize, buck-wheat,						
barley, malt, oats, peas, lentils, beans (haricot), horse-					}	free
beans, and vetches	...	...	...	...		
Oatmeal, pearl barley, flour, and grindings of every kind,					}	
brans, starch, and substances of the nature of starch						
GRAINS—Bread, biscuit, macaroni, semolina, vermicelli, and ginger-						
bread	...	...	...	...	...	free
CLOTHING	...	...	...	per 100 fr. of value	10	00
MUSICAL INSTRUMENTS	...	...	...	do.	6	00

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DUTY. fr. c.	ARTICLES.	DUTY. fr. c.
	PAPER —Wall per 100 kilos. 8 00	
	Other do. 4 00	
	SKINS —Goat and sheep, tanned "encroûte," and kid, dressed	
	"encroûte" per 100 kilos. 10 00	
	Tanned and curried do. 15 00	
	Otherwise prepared do. 30 00	
	Manufactured per 100 fr. of value 10 00	
	ROOFING —Slates per 1,000 pieces 2 00	
	FISH , of all kinds free	
	POTTERY —Common per 100 fr. of value 10 00	
	Faience and china do. 10 00	
	SUGAR —Raw, 1st class free	
	2nd " free	
	3rd " free	
	4th " free	
	Refined, crystallised per 100 kilos. 54 70	
	In loaves do. 51 13	
	No. 19 and upwards do. 51 13	
	Syrups and molasses—molasses not crystallisable, used in the	
	manufacture or refining of sugar, containing less than 50	
	per cent. of saccharine matter per 100 kilos. 70 00	
	TOBACCO —Not manufactured do. 70 00	
	Manufactured—cigars 300 00	
	other 100 00	
	TEXTILE FABRICS —Cotton—plain, twill, ticking, unbleached—	
	1st class, weighing 11 kilos. and upwards the 100 square	
	mètres, of 35 threads and under per 100 kilos. 50 00	
	Do. do. of 36 threads and upwards do. 72 00	
	2nd class, weighing from 7 to 11 kilos. the 100 square mètres,	
	of 35 threads and under per 100 kilos. 60 00	
	Of 36 to 43 threads do. 100 00	
	Of 44 threads and upwards do. 180 00	
	3rd class, weighing from 3 to 7 kilos. the 100 square mètres,	
	of 27 threads and under per 100 kilos. 80 00	
	Of 28 to 35 threads do. 120 00	
	Of 36 to 43 do. 190 00	
	Of 44 threads and upwards do. 300 00	
	Cotton—Plain, twill, ticking, bleached—	
	1st class, weighing from 11 kilos. and upwards the 100 square	
	mètres, of 35 threads and less per 100 kilos. 57 50	
	Of 36 threads and upwards do. 82 80	

ARTICLES.					DUTY. fr. c.
TEXTILE FABRICS—Cotton—Plain, twill, ticking, bleached—					
2nd class, weighing from 7 to 11 kilos. the 100 square mètres,					
of 35 threads and under					69 00
Of 36 to 43 threads					115 00
Of 44 threads and upwards					207 00
3rd class, weighing from 3 to 7 kilos. the 100 square mètres,					
of 27 threads and under					92 00
Of 28 to 35 threads					138 00
Of 36 to 43					218 50
Of 44 threads and upwards					345 00
Cotton—Plain, twill, ticking, dyed—					
1st class, weighing 11 kilos. and upwards the 100 square					
mètres, of 35 threads and under					75 00
Of 36 threads and upwards					97 00
1 class, weighing from 7 to 11 kilos. the 100 square mètres,					
of 35 threads and under					85 00
Of 36 to 43 threads					125 00
Of 44 threads and upwards					205 00
3rd class, weighing from 3 to 7 kilos. the 100 square mètres,					
of 27 threads and under					105 00
Of 28 to 35 threads					145 00
Of 36 to 43 threads					215 00
Of 44 threads and upwards					325 00
Cotton—Plain, twill, ticking, printed					15 00
Cotton, cotton velvets, velvet, unbleached					85 00
Do. do. dyed or printed					110 00
Cords, moleskins, &c., unbleached					60 00
Do. do. dyed or printed					85 00
Quilting, dimity, figured damask, and glazed, weighing 3 kilos.					
and upwards the 100 square mètres					15 00
Lace, and lace of silk					5 00
All other					10 00
Woollen, Indian cashmere shawls and scarves					5 00
All other					10 00
MACHINERY AND TOOLS—In cast iron					
In iron or steel					4 00
In wood					10 00
In brass or other metal					12 00
CARRIAGES					10 00
FURNITURE					10 00
HARDWARE					10 00

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Resins
Silk
Sulphu
Sugar

	ARTICLES.	DUTY. fr. c.
SOAP	per 100 kilos.	6 00
VINEGAR—In wood In bottles	per hectolitre do.	6 00 7 00
FURS AND SKINS... ..	per 100 fr. of value	10 00
MEATS AND TINNED GOODS		free.
WOOD—Common brooms		free.
Other than oak or walnut, sawn lengthways for staves, boarding, and boxes		free.
For masts, yards, and spars		free.
For dyeing		free.
Charcoal and peat		
Coal		
Lime		
Cordage		
Drugs		
Bark for tanning		
Fertilisers		
Tin, lead, and zinc, unworked		
Iron and Steel—Ore and filings		
Anchors and chains, for shipping		
Seeds		
Grease, animal and fish oils, &c.		
Oils		
Wool		
Milk		
Vegetables, not elsewhere mentioned		free.
Animal substances, rough, not elsewhere mentioned		
Metals, minerals, and earths, unmanufactured		
Vessels and boats		
Eggs		
Parchment... ..		
Stone, cut or sawn, but not otherwise worked...		
Terra cotta		
Chemical products, not elsewhere mentioned		
Printed matter		
Crops in sheaf or ear, straw, hay, &c.		
Resins and bitumen		
Silk		
Sulphur		
Sugar—syrops and molasses imported for distillation		

ARTICLES.	DUTY. fr. c.
Dyes and colours	} free.
Sail cloth	
Plants and vegetable substances, not elsewhere mentioned	
Hides	
Pottery—Bricks, drain tiles, floor tiles, &c.	

CUSTOMS TARIFF OF CANADA.

ARTICLES.	RATE OF DUTY.
Baking powders \$	20 per cent.
Books, printed ; periodicals and pamphlets, N. E. S. "	15 "
Carpets, not elsewhere specified yds.	25 "
Collars, cuffs, and shirt fronts of paper, linen, or cotton \$	30 "
Combs for dress and toilet, of all kinds "	25 "
Copper, and manufactures of—	
Bars, rods, bolts, ingots and sheathing, not planished or coated cwt.	10 "
Cordage for ships' purposes lbs.	10 "
Cordage of all kinds, N.E.S. "	20 "
Cotton, manufactures of—	
Grey or unbleached and bleached cotton sheetings, drills, ducks &c., not stained, painted or printed sq. yds.	1 ct. p. sq. yd. 15 p. c.
Ginghams and plaids, dyed or coloured yds.	2 " "
Denims, drillings, bedtickings, canton flannels, ducks and drills, dyed or coloured, checked and striped shirtings, cottonades, pantaloons stuffs, Kentucky jeans, &c. "	2 " "
Cotton jeans, couilles, cambrics, silicias, and casbans "	20 p. c. ad valorem.
Cottons over 36 inches wide, when imported by manufacturers of window shades for use in their factories, exclusively for the manufacture of oiled window shades "	15 per cent.

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ARTICLES.	RATE OF DUTY.
Cotton, manufactures of—	
Wadding, batting, batts and warps and carpet-warps, not bleached, dyed or coloured ... lbs.	2 cts. p. lb. & 15 p. c.
Knitting yarn, hosiery yarn, or other cotton yarn under No. 40, not bleached, dyed, or coloured "	2 " "
Wadding, batting, warps, &c., dyed or coloured "	3 " "
Knitting yarn, hosiery yarn, &c. "	3 " "
Warp on beams... .. yds.	1 ct. p. yd. & 15 p. c.
Seamless bags lbs.	2 cts. per lb. & 15 "
Shirts and drawers, woven or made on frames, and all cotton hosiery and knitted cloth ... \$	30 per cent.
Sewing thread on spools "	20 "
Sewing cotton thread in hanks, black and bleached, 3 and 6 cord "	12½ "
Bed comforters or quilts of cotton "	27½ "
Cotton duck for boats' and ship' sails "	5 "
Clothing or other material not otherwise provided for, including corsets, lace collars, and similar articles, made up by the seamstress or tailor, also tarpaulin, plain or coated with oil, paint, tar, or other composition "	30 "
Cotton bags made up by the use of the needle, not otherwise provided for "	30 "
Cotton netting for boots, shoes, and gloves "	10 "
Lampwicks, from 20th April "	30 "
Prunella for boots and shoes "	10 "
Parasols and umbrellas "	25 "
Shawls "	25 "
Velveteens and cotton velvets yds.	20 "
Winceys, plain, of all widths, when material is not over one-fourth wool "	20 "
Winceys, checked, striped or fancy, not over 25 inches wide "	20 "
Winceys, checked, striped or fancy dress winceys, over 25 inches wide and not over 30 inches, when material is not more than one-fourth wool "	2 c. p. sq. yd. & 15 p. c.
All other manufactures of cotton, N.E.S. ... \$	20 per cent.

ARTICLES.	RATE OF DUTY.
Crapes of all kinds \$	20 per cent.
Earthenware and China—	
Brown or coloured earthen and stoneware, and	
Rockingham ware \$	30 "
White granite or ironstone ware, and C. C. or	
cream coloured ware "	30 "
China and porcelain ware "	30 "
Fancy goods, viz. :—	
Alabaster, spar, bronze, terra cotta, or com-	
position ornaments, beads and bead or-	
naments "	20 "
Fancy manufactures of bone, shell, horn, and	
ivory, N.E.S., coral, cut or manufactured "	20 "
Fans, not painted, flowers, artificial, and	
feathers, N.E.S. "	25 "
Feathers, ostrich and vulture, undressed "	15 "
" " dressed "	25 "
Gold and silver cloth, tassels, thread, &c. "	20 "
Laces, braids, fringes, and other trimmings,	
N.E.S. "	20 "
Felt, for roofing "	20 "
Flax—manufacture of, viz. :—	
Canvas of flax or hemp when to be used for	
boats' and ships' sails, sail twine "	5 "
Linen, brown or bleached yds.	20 "
Linen duck, canvas, diapers, huckabacks, or	
other manufactures of flax, N.E.S. \$	20 "
Linen clothing, or articles worn by men,	
women, or children "	30 "
Linen thread lbs	20 "
Glass and manufactures of, viz. :—	
Carboys demijohns, bottles and decanters,	
flasks and phials, telegraph and lightning-	
rod insulators, jars and glass balls, and cut,	
pressed, or moulded table ware \$	30 "
Lamp and gas-light shades, lamps, and lamp	
chimneys, side lights and head lights,	
globes for lanterns, lamps, and gas-lights... .. "	30 "

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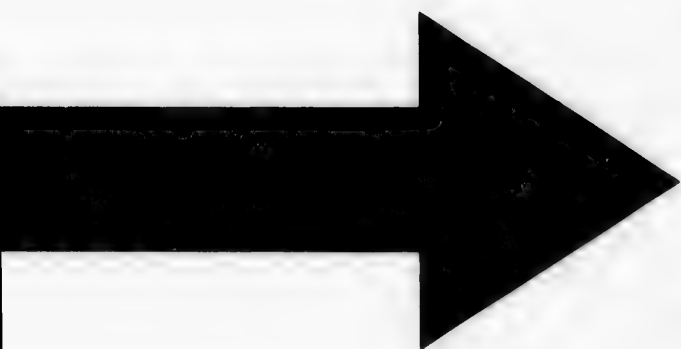
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ARTICLES.	RATE OF DUTY.
Glass and Manufactures of, viz. :—	
Ornamental, figured, and enamelled stained glass sq. ft.	30 per cent.
Stained, tinted, painted, and vitrified glass and stained glass windows ; figured, enamelled, and obscured white glass \$	30 "
Common and colourless window glass sq. ft.	30 "
Coloured glass, not figured, painted, enamelled or engraved "	20 "
Silvered plate-glass "	30 "
Plate-glass, not silvered "	20 "
Porcelain shades, imitation \$	20 "
All other glass and manufactures of glass, not otherwise provided for "	20 "
Gutta-percha and india-rubber, manufactures of, viz. :—	
Boots and Shoes \$	25 "
Belting "	25 "
Clothing, or clothing made water-proof with india-rubber "	35 "
Hose and tubing "	25 "
All other, not otherwise provided for "	25 "
Hats, caps, and bonnets, not elsewhere specified—	
Beaver, silk, or felt "	25 "
Straw, grass, chip, or other like material "	25 "
All other N.E.S. "	25 "
Iron and manufactures of, and steel and manufactures of, or both combined. (Wire and iron measured by Stubbs' Standard Gauge.)—	
Anvils cwt.	30 "
Band and hoop-iron, No. 17 gauge or thinner "	12½ "
do. thicker than No. 17 gauge "	17½ "
Bars, rolled or hammered, including flats, rounds, and squares "	17½ "
Boiler-plate "	12½ "
Bolts, washers, and rivets \$	30 "
Bedsteads and other iron furniture... .. "	35 "
Canada plates cwt.	12½ "
Car wheels and axles of iron or steel "	25 "





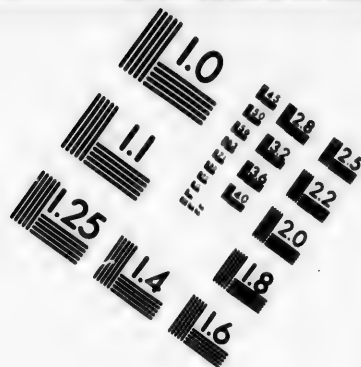
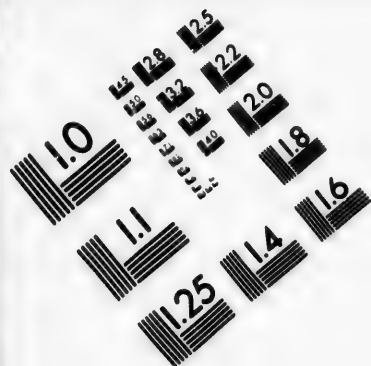
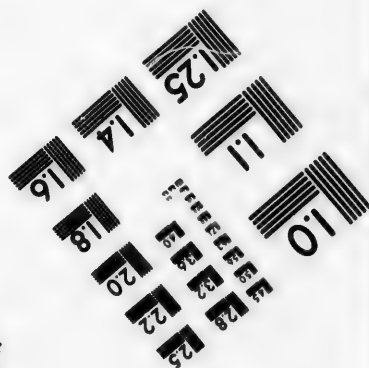
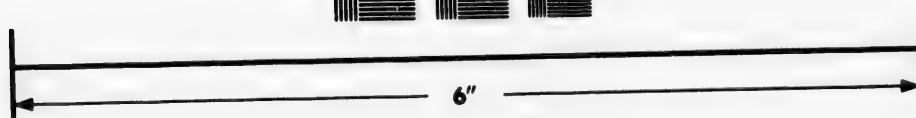
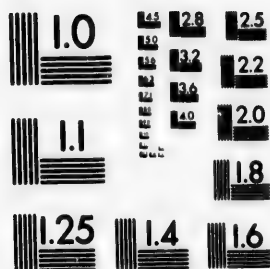


IMAGE EVALUATION TEST TARGET (MT-3)



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ARTICLES.	RATE OF DUTY.
Iron and steel, and manufactures of—	
Castings of every description not elsewhere specified, and forgings... .. \$	25 per cent.
Cast iron gas, water, and soil pipes "	25 "
Chain cables over 9-16th of an inch in diameter, whether shackled or swivelled or not cwt.	5 "
Chain cables, all other "	20 "
Engines, locomotive... .. \$	25 "
" Fire No.	25 "
" Other and boilers, N.E.S., including portable steam engines \$	25 and 35 per cent.
Fire extinguishers (chemical) No.	25 per cent.
Hardware, viz., builders, cabinet makers, upholsterers, carriage makers, saddlers, and undertakers \$	30 "
Hardware not elsewhere specified "	20 "
Hollow-ware, tinned, glazed, or enamelled "	25 "
Horses shoes and horse shoe nails "	30 "
Iron, other, in slabs, blooms, loops, &c., &c.... cwt.	10 "
Iron bridges and structural iron work "	25 "
Iron not otherwise provided for "	17½ "
Locks of all kinds \$	30 "
Machines and machinery, &c.—	
Sewing machines No.	\$2 each and 20 p. c.
All other machinery composed wholly or in part of iron, N.E.S. \$	25 per cent.
Nails, iron wire, "Pointes de Paris" lbs.	30 "
Nails, spikes, and sheathing nails, composition "	20 "
Nails and spikes, wrought and pressed, including R. R. spikes "	½ ct. per lb. & 10 p. c.
Nails and spikes, cut "	1 " "
Nuts "	1 " "
Pig iron—charcoal tons.	\$2 per ton.
" all other "	\$2 "
Pumps, iron, pitcher-spout, cistern, well, and force pumps \$	35 per cent.
Railway bars or iron rails for railways or tramways cwt.	15 "

ARTICLES.	RATE OF DUTY.
Iron and steel, and manufactures of—	
Railway fish plates, frogs, frog points, chairs, and finger bars Cwt.	17½ per cent.
Rolled beams, channels, and angle and T iron, steel or iron and steel "	12½ "
Rolled, round wire rods in coils, under ½ inch diameter... .. "	10 "
Screws, iron and steel, commonly called "Wood Screws" gross	35 "
Tubing, wrought iron, plain, not threaded, coupled or otherwise manufactured, over 2 inches in diameter feet.	15 per cent.
Tubing, wrought iron, threaded, coupled or otherwise manufactured, over 2 inches in diameter... .. "	20 "
Tubing, wrought iron, plain, 2 inches in diameter or under, threaded and coupled or not "	25 "
Lap-welded boiler iron tubing, not threaded, coupled or otherwise manufactured, one and one-half inches in diameter and over... .. "	15 "
Wire, iron and steel, over 15 gauge and N.E.S. cwt.	15 "
Wire rope, strand or chain made of iron wire "	25 "
Wire work, other \$	25 "
Manufactures of iron, all other, not otherwise provided for "	20 "
Steel, manufactures of—	
Pen knives, jack knives, and pocket knives of all kinds "	20 "
All other cutlery "	25 "
Files and rasps... .. "	35 "
Jewellery, of gold, silver, or other metal, or imita- tions of "	20 "
Jute, manufactures of, N.E.S. "	20 "
Leather, and manufactures of—	
Leather board lbs.	3 cents per lb.

ARTICLES.	RATE OF DUTY.
Leather and manufactures of—	
Manufactures of, viz.—	
Boots and shoes, all materials, N.E.S. ... pairs.	25 per cent.
Harness and saddlery \$	"
Gloves and mitts of kid and leather ... "	"
Leather belting "	"
All other manufactures of leather, not otherwise provided for "	25 "
Metal, not elsewhere specified, and manufactures of—	
Britannia metal, manufactures of, not plated "	25 "
Bronze or Dutch metal "	20 "
Phosphor bronze, in blocks, bars, sheets, and wire "	10 "
German and nickel silver, manufactures of, not plated "	25 "
German and nickel silver, in sheets "	10 "
Japanned and stamped wares, not otherwise provided for "	25 "
Mineral and aerated waters, N.E.S. "	20 "
Musical instruments—	
Pianofortes, viz.—	
Square, whether round cornered or not, not over seven octaves No.	\$25 each and 15 p. c.
Square pianofortes, all other "	\$30 " "
Upright pianofortes "	\$30 " "
Concert, semi-concert, or parlour grand pianofortes... .. "	\$50 " "
Oil cloth for floors, in the piece, cut, or shaped, oiled, enamelled, stamped, painted or printed, flocked or coated, including linoleum ... sq. yds.	20 per cent.
Oil cloth, other, in the piece, cut or shaped, oiled, enamelled, stamped, painted or printed, flocked or coated \$	30 "
Optical instruments, including microscopes and telescopes, spectacles, eye glasses, &c. "	25 "
Packages "	20 "
Paintings, drawings, engravings, and prints "	20 "

ARTICLES.	RATE OF DUTY.
Paper, and manufactures of, not otherwise specified—	
Bags, printed \$	20 per cent.
Calendered, including writing and note paper ..	22½ "
Hangings or wall paper, and glazed, plated, marbled, enamelled, or embossed paper in roll or sheets, and card board similarly finished "	30 "
Millboard, not straw board "	10 "
Union collar cloth paper, in sheets not shapen ..	5 "
Envelopes, papier maché manufactures, articles and wares of paper, not otherwise provided for "	25 "
Printing "	20 "
Ruled "	25 "
Wrapping "	20 "
All kinds not elsewhere specified "	20 "
Printing presses of all kinds No.	10 "
Sails for boats and ships, also tents and awnings \$	35 "
Salt, coarse (not imported from Great Britain or British possessions, or for sea or gulf fisheries), and all fine salt—	
In bulk lbs.	8 cts. per 100 lbs.
In bags, barrels, and other packages "	12 "
Soap—	
Common brown and yellow, not perfumed "	1½ cents per lb.
Common, soft and liquid, not perfumed, saddlers' soaps and silver soap "	20 per cent.
Castile and white "	2 cents per lb.
Perfumed or toilet \$	30 per cent.
Spirits and Wines—	
Wines of all kinds, except sparkling wines, including ginger, orange, lemon, strawberry, raspberry, elder, and currant wines—	
Containing 26 p c. or less of spirits galls.	25c. per gall. & 30 p.c.
" over 26 p.c. and not over 27 p.c. "	28 " 30 "
" " 27 " 28 " "	31 " 30 "
" " 28 " 29 " "	34 " 30 "
" " 29 " 30 " "	37 " 30 "

ARTICLES.	RATE OF DUTY.
Spirits and Wines :—	
Containing over 30 p. c. and not over 31 p. c. ... galls.	40c. per gall. & 30 p. c.
" " 31 " " 32 " " "	43 " 30 "
" " 32 " " 33 " " "	46 " 30 "
" " 33 " " 34 " " "	49 " 30 "
" " 34 " " 35 " " "	52 " 30 "
" " 35 " " 36 " " "	55 " 30 "
" " 36 " " 37 " " "	58 " 30 "
" " 37 " " 38 " " "	61 " 30 "
" " 38 " " 39 " " "	64 " 30 "
" " 39 " " 40 " " "	67 " 30 "
Champagne and all other sparkling wines—	
In bottles containing each not more than a quart and more than a pint, old wine measure doz.	
	33 per doz. & 30 p. c.
Sugars, syrups, and molasses—	
Sugar above No. 14, D. S. in colour lbs.	1ct. per lb. & 35 p. c.
" equal to 9 and not above No. 14, D. S. "	$\frac{3}{4}$ " 30 "
" below No. 9, D. S. "	$\frac{1}{2}$ " 30 "
Syrup, cane juice, refined syrup, sugar-house	"
syrup, syrup of sugar, syrup of molasses, or	"
sorghum "	$\frac{5}{8}$ " 30 "
Melado, concentrated melado, concentrated	"
cane juice, concentrated molasses, con-	"
centrated beet-root juice, and concrete "	$\frac{3}{4}$ " 30 "
Molasses, used for refining, clarifying, or rec-	"
tifying purposes, or for the manufacture of	"
sugar, imported direct from the country of	"
growth or production galls.	25 per cent.
Molasses, used for refining, clarifying, or rec-	"
tifying purposes, or for the manufacture of	"
sugar, when not imported from the country	"
of growth and production "	30 "
Molasses, not so used, imported from the	"
country of growth and production "	15 "
Molasses, not so used, and not imported from	"
the country of growth and production "	20 "
Sugar candy and confectionery lbs.	1ct. per lb. & 35 p. c.

ARTICLES.	RATE OF DUTY.
Sugars, syrups, and molasses—	
Glucose, or grape sugar lbs. {	According to grade by D. S. in colour. 1 ct. per lb. & 35 p.c.
Glucose syrup "	
Tobacco, and manufactures of—	
Cigars and cigarettes "	60ct. per lb. & 20 p.c.
Watches and watch cases... .. \$	25 per cent.
Watch actions or movements "	20 "
Wool, manufactures of—	
Blankets lbs.	7½cts. per lb. & 20 p.c.
Cassimeres, cloths, coatings, doeskins, tweeds, meltons, &c. "	do. do.
Checked, striped, or fancy winceys, over 30 inches wide, when material is partly wool "	do. do.
Flannels, including plain and checked, of all colours "	do. do.
Hosiery, shirts, and drawers "	do. do.
Shawls \$	25 per cent.
Yarn, knitting yarn, fingering yarn, worsted yarn lbs.	7½cts. per lb. & 20 p.c.
All other manufactures, composed wholly or in part of wool, worsted, &c. \$	20 per cent.
Clothing, ready-made, including socks and stockings, cloth caps and horse clothing, shaped lbs.	10cts. per lb. & 25 p.c.
Carpets, Brussels and tapestry yds.	20 per cent.
Carpets, two-ply and three-ply, treble ingrain, composed wholly of wool sq. yds.	10c. per s. yd. & 20 p.c.
Carpets, two-ply ingrain, of which the warp is composed wholly of cotton or other material than wool, worsted, &c. "	5 do. 20 p.c.
Dress or costume cloths, serges, and similar fabrics under 25 inches wide, and weighing not over 3½ ounces per lineal yard, either or both \$	20 per cent.
Felt for boots, shoes, and skirts, when imported by the manufacturers for use in their factories lbs.	15 "

ARTICLES.	RATE OF DUTY.
Wool, manufactures of—	
Felt for glove linings, and endless felt for paper makers, when imported by the manufacturers for use in their factories \$	10 per cent.
Woollen netting for boots, shoes, and gloves ..	10 ..
Wool, class one, viz. :—Leicester, Cotswold, Lincolnshire, Down combing wools, or wools known as Lustre wools, and other like combing wools such as are grown in Canada lbs.	3 cents per lb.
Zinc, seamless drawn tubing feet	10 per cent.
Do manufactures of, N.E.S. \$	25 ..

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